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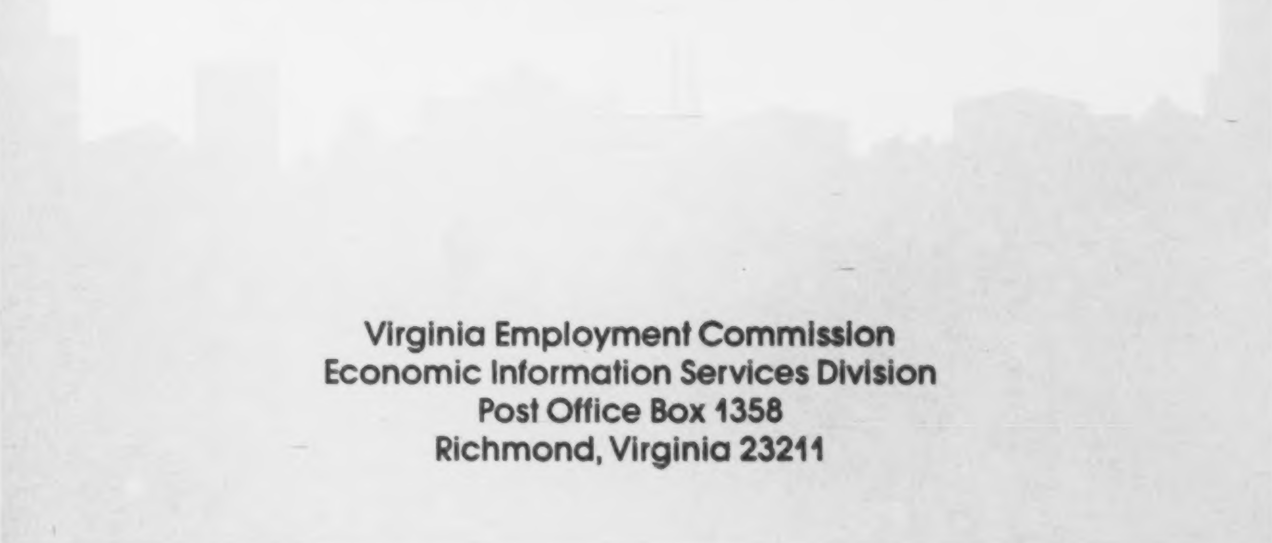
EMPLOYMENT, HOURS AND EARNINGS

IN
VIRGINIA
AND ITS
METROPOLITAN AREAS

SEPTEMBER, 1987



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Economic Information Services Division
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EMPLOYMENT, HOURS, AND EARNINGS
Volume 37, Number 9

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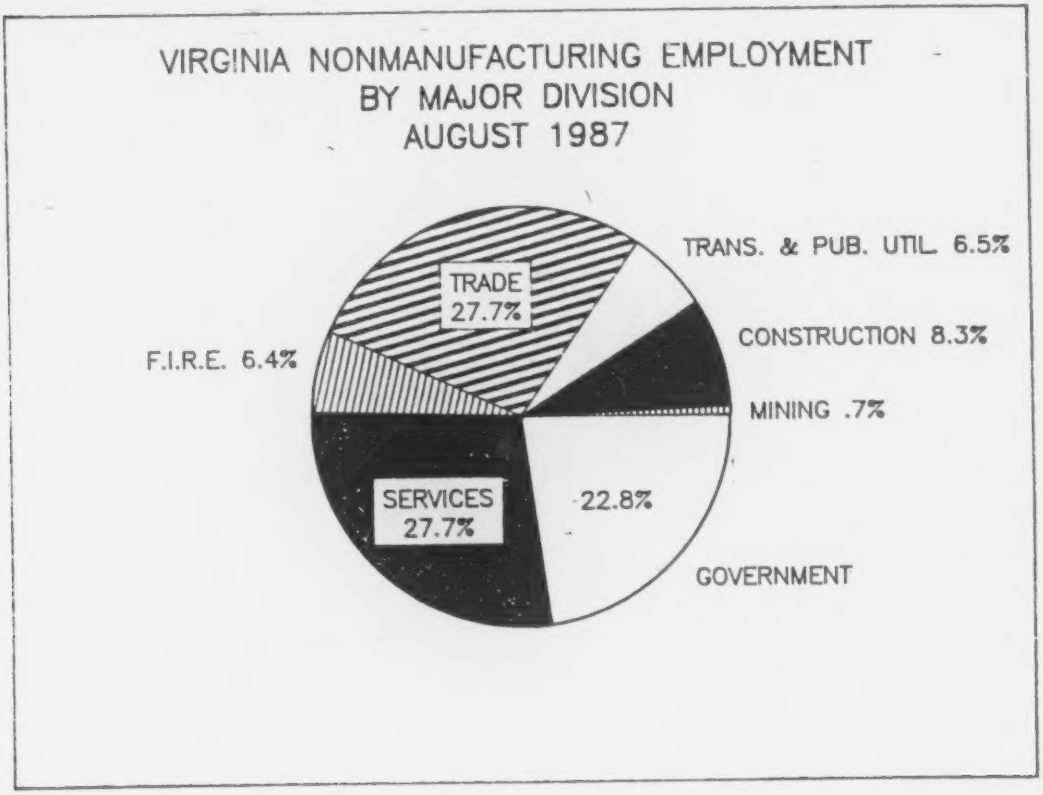
NONAGRICULTURAL EMPLOYMENT DOWN 4,300 IN AUGUST

TOTAL NONAGRICULTURAL EMPLOYMENT SLIPPED BY 4,300 WORKERS IN AUGUST BECAUSE OF SEASONAL LAYOFFS BY EDUCATORS IN LOCAL GOVERNMENT. Most segments of the Virginia workforce were stagnant in August. Only Local Government showed any significant change with a seasonal downturn of 5,800 workers. Manufacturing was the bright spot for the month, adding 1,800 employees. State nonagricultural employment is ahead of year-ago levels by 66,000 workers.



MANUFACTURING EMPLOYMENT WAS UP 1,800 PEOPLE IN AUGUST, PLUS 1,200 OVER THE YEAR. Both the durable and nondurable goods sectors posted gains. The winner for most hires in Durable Goods was Transportation Equipment with 700 new workers. Most other changes in Durable Goods were scattered and offsetting. In Nondurable Goods, food and kindred products manufacturers led the way, with an additional 500 employees. Various plusses and minuses in other segments of Nondurable Goods accounted for the remaining growth of 800 hires within the sector.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

Table A-1.

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	AUG. 1987	JULY 1987	AUG. 1986	JULY 1987	AUG. 1986
TOTAL NONAGRICULTURAL	2,634.5	2,638.8	2,568.5	-4.3	66.0
MANUFACTURING	426.5	424.7	425.3	1.8	1.2
DURABLE GOODS	200.1	199.5	202.7	.6	-2.6
LUMBER AND WOOD PRODUCTS	24.5	24.5	24.5	.0	.0
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	8.3	8.3	8.1	.0	.2
FURNITURE AND FIXTURES	24.5	24.6	25.0	-.1	-.5
HOUSEHOLD AND OFFICE FURNITURE	22.8	22.9	23.4	-.1	-.6
STONE, CLAY & GLASS PRODUCTS	16.4	16.3	15.8	.1	.6
CONCRETE, GYPSUM AND PLASTER PRODUCTS	7.6	7.6	7.3	.0	.3
PRIMARY METAL INDUSTRIES	10.9	10.9	10.6	.0	.3
FABRICATED METAL PRODUCTS	18.1	18.2	18.9	-.1	-.8
FABRICATED STRUCTURAL METAL PRODUCTS	10.6	10.6	11.2	.0	-.6
MACHINERY EXCEPT ELECTRICAL	16.4	16.2	15.4	.2	1.0
ELECTRIC & ELECTRONIC EQUIPMENT	38.5	38.6	40.2	-.1	-1.7
COMMUNICATION EQUIPMENT	15.4	15.5	16.5	-.1	-1.1
TRANSPORTATION EQUIPMENT	43.1	42.4	44.5	.7	-1.4
INSTRUMENTS & RELATED PRODUCTS	4.7	4.6	4.6	.1	.1
MISC. MANUFACTURING INDUSTRIES	3.1	3.2	3.2	-.1	-.1
NONDURABLE GOODS	226.4	225.1	222.6	1.3	3.8
FOOD & KINDRED PRODUCTS	40.4	39.9	38.7	.5	1.7
MEAT PRODUCTS	14.4	14.4	13.7	.0	.7
BEVERAGES	5.5	5.5	5.6	.0	-.1
TOBACCO MANUFACTURES	13.5	13.3	13.8	.2	-.3
TEXTILE MILL PRODUCTS	45.6	45.5	43.0	.1	2.6
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	15.2	15.5	14.2	-.3	1.0
NARROW FABRIC MILLS	1.1	1.1	1.1	.0	.0
KNITTING MILLS	21.5	21.4	20.1	.1	1.4
MISC. TEXTILE GOODS	1.2	1.1	1.1	.1	.1
APPAREL & OTHER TEXTILE PRODUCTS	29.0	29.1	29.5	-.1	-.5
MENS & BOYS SUITS, COATS AND FURNISHINGS	9.5	9.8	9.9	-.3	-.4
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	15.7	15.5	15.8	.2	-.1
PAPER & ALLIED PRODUCTS	15.2	15.1	15.5	.1	-.3
PULP, PAPER & PAPERBOARD	8.0	8.0	8.0	.0	.0
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	6.9	6.8	7.2	.1	-.3
PAPERBOARD CONTAINERS AND BOXES	4.1	4.0	4.2	.1	-.1
PRINTING AND PUBLISHING	31.8	31.6	31.2	.2	.6
NEWSPAPER AND PERIODICALS	13.6	13.5	13.2	.1	.4
COMMERCIAL PRINTING	12.1	12.1	11.9	.0	.2
CHEMICALS & ALLIED PRODUCTS	33.4	33.4	32.8	.0	.6
PLASTICS MATERIALS AND SYNTHETICS	17.0	17.0	17.6	.0	-.6
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	15.4	15.1	15.8	.3	-.4
MISC. PLASTICS PRODUCTS	9.0	8.9	9.5	.1	-.5
LEATHER & LEATHER PRODUCTS	2.2	2.2	2.3	.0	-.1

(Continued on page 3)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

ntinued from page 2)

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS AUG. 1987	 JULY 1987	 AUG. 1986	NET CHANGE FROM JULY 1987	 AUG. 1986
NONMANUFACTURING	2,208.0	2,214.1	2,143.2	- 6.1	64.8
MINING	15.6	15.6	16.5	.0	- .9
BITUMINOUS COAL AND LIGNITE MINING	12.4	12.4	13.5	.0	- 1.1
CONSTRUCTION	182.9	183.2	179.3	- .3	3.6
TRANSPORTATION & PUBLIC UTILITIES	142.8	142.5	140.0	.3	2.8
RAILROAD TRANSPORTATION	10.9	10.9	11.6	.0	- .7
TRUCKING & WAREHOUSING	33.4	33.4	32.3	.0	1.1
TRANSPORTATION BY AIR	19.9	19.6	19.4	.3	.5
COMMUNICATION	41.8	41.8	40.7	.0	1.1
ELECTRIC, GAS & SANITARY SERVICES	21.3	21.2	21.0	.1	.3
WHOLESALE & RETAIL TRADE	611.3	610.7	586.7	.6	24.6
WHOLESALE TRADE	125.4	124.8	124.0	.6	1.4
WHOLESALE TRADE - DURABLE GOODS	79.3	78.9	78.1	.4	1.2
WHOLESALE TRADE - NONDURABLE GOODS	46.1	45.9	45.8	.2	.3
RETAIL TRADE	485.9	485.9	462.7	.0	23.2
GENERAL MERCHANDISE STORES	61.2	61.3	58.7	- .1	2.5
DEPARTMENT STORES	47.6	48.0	46.3	- .4	1.3
VARIETY STORES	12.0	11.7	10.8	.3	1.2
FOOD STORES	78.3	78.8	74.9	- .5	3.4
AUTOMOTIVE DEALERS AND SERVICE STATIONS	57.4	57.3	56.0	.1	1.4
APPAREL & ACCESSORY STORES	24.7	24.5	24.1	.2	.6
FURNITURE AND HOME FURNISHING STORES	27.8	27.8	25.8	.0	2.0
EATING & DRINKING PLACES	154.8	153.5	145.5	1.3	9.3
MISCELLANEOUS RETAIL	61.7	62.2	59.1	- .5	2.6
FINANCE, INSURANCE AND REAL ESTATE	140.7	140.8	135.4	- .1	5.3
BANKING	36.2	36.0	35.6	.2	.6
CREDIT AGENCIES OTHER THAN BANKS	23.4	23.5	22.0	- .1	1.4
SECURITY, COMMODITY BROKERS & SERVICES	4.4	4.4	4.0	.0	.4
INSURANCE CARRIERS	23.5	23.6	23.6	- .1	- .1
REAL ESTATE	35.4	35.7	34.8	- .3	.6
SERVICES	611.0	611.8	592.0	- .8	19.0
HOTELS AND OTHER LODGING PLACES	44.9	45.0	44.5	- .1	.4
PERSONAL SERVICES	32.4	32.6	30.6	- .2	1.8
BUSINESS SERVICES	163.0	162.0	152.4	1.0	10.6
AUTO REPAIR SERVICES & GARAGES	17.1	17.2	16.8	- .1	.3
MISC. REPAIR SERVICES	7.3	7.3	7.4	.0	- .1
MOTION PICTURES	3.2	3.3	3.2	- .1	.0
AMUSEMENT AND RECREATION SERVICES	22.6	22.9	22.6	- .3	.0
HEALTH SERVICES	137.8	137.4	133.8	.4	4.0
HOSPITALS	70.6	70.4	68.0	.2	2.6
EDUCATIONAL SERVICES	22.7	23.4	23.1	- .7	- .4
GOVERNMENT	503.7	509.5	493.4	- 5.8	10.3
FEDERAL GOVERNMENT	171.0	171.1	168.1	- .1	2.9
STATE & LOCAL GOVERNMENT	332.7	338.4	325.3	- 5.7	7.4
STATE GOVERNMENT	116.9	117.1	114.3	- .2	2.6
LOCAL GOVERNMENT	215.8	221.4	211.0	- 5.6	4.8

nt month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the h of the month. Self-employed persons are excluded. Employment series have been adjusted to first quarter 1986 benchmark levels.

: Detail may not add to totals because of rounding.

NONAGRICULTURAL EMPLOYMENT DOWN 4,300 IN AUGUST

(Continued from Page 1)

WHOLESALE AND RETAIL TRADE EMPLOYMENT GREW BY ONLY 600 WORKERS IN AUGUST. All of the growth was recorded by wholesalers as retailers demonstrated no change over the month. In Wholesale Trade, both durable and nondurable goods dealers posted gains. For Retail Trade, significant growth in Eating and Drinking Places were negated by declines in Automotive Dealers and Service Stations and Miscellaneous Retail. The total trade sector is 24,600 above year-ago levels.

TRANSPORTATION AND PUBLIC UTILITIES WAS THE ONLY OTHER CATEGORY TO POST GAINS IN AUGUST--UP 300. Mining remained unchanged over the month while construction employment was trimmed by 300. Services fell by 800 despite a 1,000 employee growth in Business Services. Private educators declined by 700 people to post the biggest drop among service producers. Finance, Insurance, and Real Estate showed virtually no change, dropping by only 100 workers. The government segment reflected the biggest over-the-month change for all divisions as, once again, local government educators trimmed staffs. Both federal and state government had insignificant change. Worth noting, nonmanufacturing employment for August 1987 was ahead of August 1986 by 64,800 workers.

THE 322,800 PRODUCTION WORKERS ON FACTORY PAYROLLS RECEIVED AN AVERAGE WEEKLY EARNING OF $361.75 IN AUGUST 1987. This was an increase of $2.76 over the month and a gain of $6.06 over the year. Average weekly hours increased to 40.6 during the month. The over-the-month growth was four-tenths of an hour. Average weekly hours were five-tenths of an hour longer than August 1986. A drop of $.02 over the month put average hourly earnings at $8.91. This was $.04 more than the $8.87 earned in June 1986.

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THE U. S. DEPARTMENT OF LABOR'S BUREAU OF LABOR STATISTICS ALL URBAN CONSUMERS PRICE INDEX (CPI-U) INCREASED 0.6 PERCENT IN AUGUST 1987 TO A LEVEL OF 342.7 (1967 = 100). For the 12-month period ending in August, the CPI-U increased 4.3 percent. The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) rose 0.5 percent in August. The August 1987 CPI-W level of 337.4 (1967=100) was 4.3 percent higher than the August 1986 index. The CPI for September 1987 will be released October 23, 1987, and may be obtained by calling (804) 786-4490.

Table A-2.

VIRGINIA
EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1977-1986
JANUARY 1984 TO DATE
(IN THOUSANDS)

Year and Month	Total	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance, and Real Estate	Services	Government
Annual Average									
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,115.0	413.8	23.3	138.4	114.2	443.9	104.4	383.5	493.5
1980	2,157.2	413.8	22.7	128.3	115.8	451.2	105.9	408.3	511.2
1981	2,160.8	414.0	21.7	116.3	117.6	460.4	106.1	418.3	506.6
1982	2,146.4	397.2	22.1	103.8	119.0	462.4	106.9	434.8	500.1
1983	2,206.9	403.6	17.4	113.9	120.4	480.2	110.1	460.4	500.9
1984	2,333.3	421.3	18.3	132.8	127.2	516.5	117.1	495.1	505.0
1985	2,454.7	423.4	17.3	152.0	132.0	547.0	122.8	544.7	515.6
1986	2,557.1	424.2	16.4	168.1	137.3	580.2	130.8	579.0	521.0
1984:									
January	2,238.0	411.8	17.9	114.1	122.6	491.5	113.3	464.9	501.9
February	2,243.9	413.7	17.8	114.6	123.2	487.0	113.4	469.1	505.1
March	2,268.3	416.2	18.1	118.3	123.8	494.4	114.5	477.2	505.7
April	2,289.5	416.7	18.5	124.7	125.1	499.2	114.9	482.9	507.6
May	2,320.3	418.2	18.8	130.7	126.5	507.6	116.4	489.7	512.6
June	2,356.1	422.7	19.4	137.3	128.4	512.9	118.6	501.8	514.8
July	2,337.5	420.9	19.7	142.7	128.9	523.5	119.7	507.7	474.4
August	2,355.4	425.6	19.4	144.1	129.3	525.6	120.0	509.9	481.6
September	2,383.3	427.2	19.2	143.2	128.8	526.1	118.8	510.1	509.8
October	2,391.6	427.9	17.5	142.8	129.9	534.3	118.1	509.3	511.6
November	2,401.8	427.2	16.4	141.6	129.3	543.3	118.6	508.5	516.9
December	2,413.7	426.9	16.6	139.9	130.2	552.3	119.2	510.4	518.2
1985:									
January	2,362.8	422.6	17.0	132.5	129.2	522.3	118.1	506.8	514.4
February	2,361.8	422.3	17.1	130.9	128.1	517.4	118.4	511.3	516.3
March	2,392.6	422.9	17.2	139.6	128.8	525.1	119.5	520.7	518.9
April	2,424.2	421.6	17.3	147.3	129.9	528.6	120.0	538.2	521.2
May	2,458.0	421.1	17.5	153.4	131.9	540.3	121.8	547.1	524.9
June	2,488.9	422.3	17.8	158.5	133.1	546.9	124.2	558.0	528.0
July	2,446.7	417.2	17.3	160.7	133.0	549.8	125.3	555.1	488.4
August	2,465.4	425.0	17.5	162.4	133.4	553.2	125.7	560.3	487.9
September	2,494.2	427.6	17.4	159.5	133.6	556.1	124.9	560.4	514.7
October	2,510.4	426.9	17.2	160.0	133.7	565.4	124.9	561.4	521.0
November	2,519.7	426.3	17.0	159.7	134.3	574.1	125.0	557.8	525.4
December	2,532.1	425.6	16.9	159.2	134.7	585.1	125.2	559.0	526.4
1986:									
January	2,469.9	421.2	16.6	150.2	133.4	555.5	124.6	546.6	521.8
February	2,470.2	422.5	16.6	148.8	132.9	556.8	125.0	549.1	524.6
March	2,494.0	422.3	16.7	155.2	133.6	557.5	126.1	557.8	524.7
April	2,528.4	422.8	16.6	164.6	135.0	565.3	128.0	572.3	523.8
May	2,559.3	422.3	16.7	169.3	137.1	575.7	130.1	580.7	527.3
June	2,585.0	423.3	16.8	174.4	134.1	583.2	132.9	590.8	529.4
July	2,565.5	422.2	16.7	178.2	139.8	585.9	134.4	591.7	496.7
August	2,568.5	425.3	16.5	179.3	140.0	586.7	135.4	592.0	493.4
September	2,590.0	427.3	16.3	176.6	139.5	586.1	133.3	593.7	517.3
October	2,607.5	427.8	16.0	175.3	139.9	594.6	133.0	592.3	528.7
November	2,620.2	428.1	15.9	173.9	140.3	605.4	133.8	590.7	532.1
December	2,626.5	425.3	16.0	171.0	141.6	616.1	133.6	590.7	532.2
1987:									
January	2,573.6	423.2	15.9	164.1	139.9	585.8	133.4	584.1	526.9
February	2,568.0	422.7	15.5	161.4	139.8	580.4	133.6	585.7	528.8
March	2,591.3	422.6	15.5	165.7	140.1	586.1	134.5	593.7	533.0
April	2,615.0	422.2	15.5	171.1	141.1	595.0	135.5	600.4	534.3
May	2,631.4	422.0	15.6	173.7	141.1	601.7	137.5	605.0	534.8
June	2,656.6	425.3	15.6	178.2	142.0	609.0	139.3	613.6	533.5
July	2,638.8	424.7	15.6	183.2	142.5	610.7	140.8	611.8	509.5
August	2,634.5	426.5	15.6	182.9	142.8	611.3	140.7	611.0	503.7

See footnote Table A-1.

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

Table A-3.

INDUSTRY GROUP	EMPLOYMENT - IN THOUSANDS AUG. 1987	JULY 1987	AUG. 1986	NET CHANGE FROM JULY 1987	AUG. 1986
TOTAL NONAGRICULTURAL	1,182.5	1,186.2	1,144.0	- 3.7	38.5
MANUFACTURING	149.2	148.6	148.2	.6	1.0
DURABLE GOODS	50.9	50.6	51.1	.3	- .2
LUMBER AND WOOD PRODUCTS	4.6	4.5	4.3	.1	.3
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	2.2	2.2	2.2	.0	.0
FURNITURE AND FIXTURES	8.8	8.9	9.0	- .1	- .2
HOUSEHOLD AND OFFICE FURNITURE	8.5	8.5	8.7	.0	- .2
STONE, CLAY & GLASS PRODUCTS	2.4	2.3	2.4	.1	.0
CONCRETE, GYPSUM AND PLASTER PRODUCTS	0.6	0.6	0.6	.0	.0
PRIMARY METAL INDUSTRIES	2.4	2.3	2.3	.1	.1
FABRICATED METAL PRODUCTS	3.6	3.6	3.6	.0	.0
FABRICATED STRUCTURAL METAL PRODUCTS	1.2	1.2	1.2	.0	.0
MACHINERY EXCEPT ELECTRICAL	2.8	2.8	2.6	.0	.2
ELECTRIC & ELECTRONIC EQUIPMENT	16.3	16.1	16.6	.2	- .3
COMMUNICATION EQUIPMENT	7.1	7.0	7.2	.1	- .1
TRANSPORTATION EQUIPMENT	6.6	6.5	6.7	.1	- .1
INSTRUMENTS & RELATED PRODUCTS	2.4	2.3	2.3	.1	.1
MISC. MANUFACTURING INDUSTRIES	1.2	1.2	1.2	.0	.0
NONDURABLE GOODS	98.3	98.0	97.1	.3	1.2
FOOD & KINDRED PRODUCTS	13.9	13.7	13.3	.2	.6
MEAT PRODUCTS	5.9	5.8	5.4	.1	.5
BEVERAGES	0.8	0.8	0.8	.0	.0
TOBACCO MANUFACTURES	4.1	4.0	3.8	.1	.3
TEXTILE MILL PRODUCTS	26.2	26.2	25.2	.0	1.0
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	7.0	7.1	6.5	- .1	.5
NARROW FABRIC MILLS	0.6	0.6	0.6	.0	.0
KNITTING MILLS	15.3	15.2	14.7	.1	.6
MISC. TEXTILE GOODS	0.4	0.4	0.4	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	25.5	25.6	26.6	- .1	- 1.1
MENS & BOYS SUITS, COATS AND FURNISHINGS	8.6	8.9	9.3	- .3	- .7
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	14.6	14.6	15.0	.0	- .4
PAPER & ALLIED PRODUCTS	2.7	2.7	2.7	.0	.0
PULP, PAPER & PAPERBOARD	0.9	0.9	0.8	.0	.1
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	1.8	1.7	1.8	.1	.0
PAPERBOARD CONTAINERS AND BOXES	0.9	0.8	0.8	.1	.1
PRINTING AND PUBLISHING	11.2	11.2	11.1	.0	.1
NEWSPAPER AND PERIODICALS	5.3	5.2	5.2	.1	.1
COMMERCIAL PRINTING	3.0	3.1	2.9	- .1	.1
CHEMICALS & ALLIED PRODUCTS	9.3	9.4	9.1	- .1	.2
PLASTICS MATERIALS AND SYNTHETICS	4.5	4.5	4.7	.0	- .2
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	3.7	3.6	3.6	.1	.1
MISC. PLASTICS PRODUCTS	2.7	2.7	2.7	.0	.0
LEATHER & LEATHER PRODUCTS	1.6	1.6	1.8	.0	- .2

(Continued on page 7)

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 6)

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	AUG. 1987	JULY 1987	AUG. 1986	JULY 1987	AUG. 1986
NONMANUFACTURING	1,033.3	1,037.7	995.8	- 4.4	37.5
MINING	0.7	0.7	0.7	.0	.0
BITUMINOUS COAL AND LIGNITE MINING	0.5	0.5	0.5	.0	.0
CONSTRUCTION	15.6	15.7	15.0	- .1	.6
TRANSPORTATION & PUBLIC UTILITIES	46.1	46.1	44.1	.0	2.0
RAILROAD TRANSPORTATION	1.4	1.4	1.5	.0	- .1
TRUCKING & WAREHOUSING	4.0	4.0	3.8	.0	.2
TRANSPORTATION BY AIR	9.1	8.9	8.6	.2	.5
COMMUNICATION	21.3	21.4	20.7	- .1	.6
ELECTRIC, GAS & SANITARY SERVICES	4.8	4.8	4.4	.0	.4
WHOLESALE & RETAIL TRADE	279.3	279.1	266.5	.2	12.8
WHOLESALE TRADE	33.8	33.8	33.0	.0	.8
WHOLESALE TRADE - DURABLE GOODS	20.5	20.5	20.0	.0	.5
WHOLESALE TRADE - NONDURABLE GOODS	13.4	13.4	13.0	.0	.4
RETAIL TRADE	245.5	245.3	233.5	.2	12.0
GENERAL MERCHANDISE STORES	41.5	41.6	39.9	- .1	1.6
DEPARTMENT STORES	32.6	32.8	31.7	- .2	.9
VARIETY STORES	7.9	7.8	7.1	.1	.8
FOOD STORES	34.3	34.4	32.7	- .1	1.6
AUTOMOTIVE DEALERS AND SERVICE STATIONS	13.3	13.3	13.0	.0	.3
APPAREL & ACCESSORY STORES	18.1	18.0	17.7	.1	.4
FURNITURE AND HOME FURNISHING STORES	10.6	10.5	9.7	.1	.9
EATING & DRINKING PLACES	87.8	87.1	82.4	.7	5.4
MISCELLANEOUS RETAIL	35.6	36.0	34.3	- .4	1.3
FINANCE, INSURANCE AND REAL ESTATE	86.8	86.7	82.9	.1	3.9
BANKING	26.9	26.7	26.2	.2	.7
CREDIT AGENCIES OTHER THAN BANKS	17.5	17.7	16.7	- .2	.8
SECURITY, COMMODITY BROKERS & SERVICES	2.1	2.1	1.8	.0	.3
INSURANCE CARRIERS	15.0	15.0	15.0	.0	.0
REAL ESTATE	15.2	15.3	14.9	- .1	.3
SERVICES	344.1	344.6	332.2	- .5	11.9
HOTELS AND OTHER LODGING PLACES	25.4	25.5	25.0	- .1	.4
PERSONAL SERVICES	22.3	22.4	20.9	- .1	1.4
BUSINESS SERVICES	68.3	67.8	63.6	.5	4.7
AUTO REPAIR SERVICES & GARAGES	3.2	3.2	3.2	.0	.0
MISC. REPAIR SERVICES	1.9	1.9	2.0	.0	- .1
MOTION PICTURES	1.5	1.5	1.5	.0	.0
AMUSEMENT AND RECREATION SERVICES	10.2	10.3	9.7	- .1	.5
HEALTH SERVICES	115.0	114.8	111.3	.2	3.7
HOSPITALS	59.3	59.1	56.8	.2	2.5
EDUCATIONAL SERVICES	13.6	13.9	13.8	- .3	- .2
GOVERNMENT	260.7	264.9	254.4	- 4.2	6.3
FEDERAL GOVERNMENT	71.2	71.3	69.6	- .1	1.6
STATE & LOCAL GOVERNMENT	189.5	193.6	184.7	- 4.1	4.8
STATE GOVERNMENT	59.3	59.3	58.0	.0	1.3
LOCAL GOVERNMENT	130.2	134.2	126.8	- 4.0	3.4

See footnote Table A-1.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table A-4.

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS AUG. 1987	EMPLOYMENT IN THOUSANDS JULY 1987	EMPLOYMENT IN THOUSANDS AUG. 1986	NET CHANGE FROM JULY 1987	NET CHANGE FROM AUG. 1986
MANUFACTURING	322.8	321.4	319.8	1.4	3.0
DURABLE GOODS	149.4	149.0	150.7	.4	-1.3
LUMBER AND WOOD PRODUCTS	20.9	21.1	21.2	-.2	-.3
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	6.8	6.8	6.7	.0	.1
FURNITURE AND FIXTURES	21.1	21.2	21.4	-.1	-.3
HOUSEHOLD AND OFFICE FURNITURE	19.9	20.0	20.3	-.1	-.4
STONE, CLAY & GLASS PRODUCTS	13.5	13.5	13.0	.0	.5
CONCRETE, GYPSUM AND PLASTER PRODUCTS	6.2	6.2	5.8	.0	.4
PRIMARY METAL INDUSTRIES	6.9	6.9	6.1	.0	.8
FABRICATED METAL PRODUCTS	13.0	13.2	13.8	-.2	-.8
FABRICATED STRUCTURAL METAL PRODUCTS	7.0	7.0	7.7	.0	-.7
MACHINERY EXCEPT ELECTRICAL	11.6	11.4	10.5	.2	1.1
ELECTRIC & ELECTRONIC EQUIPMENT	20.0	19.9	21.3	.1	-1.3
COMMUNICATION EQUIPMENT	8.8	8.6	9.2	.0	-.4
TRANSPORTATION EQUIPMENT	36.6	36.0	38.0	.6	-1.4
INSTRUMENTS & RELATED PRODUCTS	3.2	3.1	2.8	.1	.4
MISC. MANUFACTURING INDUSTRIES	2.6	2.6	2.6	.0	.0
NONDURABLE GOODS	173.4	172.4	169.1	1.0	4.3
FOOD & KINDRED PRODUCTS	29.1	28.6	27.1	.5	2.0
MEAT PRODUCTS	11.8	11.7	11.3	.1	.5
BEVERAGES	2.4	2.5	2.2	-.1	.2
TOBACCO MANUFACTURES	8.2	8.0	8.2	.2	.0
TEXTILE MILL PRODUCTS	41.6	41.6	39.0	.0	2.6
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	13.5	13.8	12.7	-.3	.8
NARROW FABRIC MILLS	1.1	1.1	1.1	.0	.0
KNITTING MILLS	20.1	20.0	18.5	.1	1.6
MISC. TEXTILE GOODS	0.9	0.9	0.9	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	26.6	26.6	27.0	.0	-.4
MENS & BOYS SUITS, COATS AND FURNISHINGS	8.7	8.9	9.0	-.2	-.3
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	14.6	14.4	14.8	.2	-.2
PAPER & ALLIED PRODUCTS	11.6	11.6	12.0	.0	-.4
PULP, PAPER & PAPERBOARD	5.6	5.6	5.6	.0	.0
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	5.8	5.7	6.1	.1	-.3
PAPERBOARD CONTAINERS AND BOXES	3.3	3.3	3.5	.0	-.2
PRINTING AND PUBLISHING	18.6	18.6	18.4	.0	.2
NEWSPAPER AND PERIODICALS	4.6	4.6	4.4	.0	.2
COMMERCIAL PRINTING	9.9	10.0	9.8	-.1	.1
CHEMICALS & ALLIED PRODUCTS	23.7	23.6	23.0	.1	.7
PLASTICS MATERIALS AND SYNTHETICS	13.0	12.9	13.3	.1	-.3
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	12.1	11.8	12.3	.3	-.2
MISC. PLASTICS PRODUCTS	6.9	6.8	7.3	.1	-.4
LEATHER & LEATHER PRODUCTS	2.0	2.0	2.2	.0	-.2

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

ble A-5.

RISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS AUG. 1987	JULY 1987	AUG. 1986	NET CHANGE FROM JULY 1987	AUG. 1986
TOTAL NONAGRICULTURAL	31.0	30.9	29.5	.1	1.5
MANUFACTURING	9.8	9.7	9.3	.1	.5
DURABLE GOODS	5.3	5.3	4.8	.0	.5
FABRICATED METAL PRODUCTS	1.3	1.3	1.5	.0	-.2
MACHINERY & TRANSPORTATION EQUIPMENT	2.8	2.8	2.3	.0	.5
NONDURABLE GOODS	4.5	4.4	4.5	.1	.0
FOOD & KINDRED PRODUCTS	1.5	1.5	1.5	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	1.8	1.7	1.9	.1	-.1
PAPER & ALLIED PRODS. & PRINTING & PUBLISHING	0.5	0.5	0.5	.0	.0
NONMANUFACTURING	21.2	21.2	20.3	.0	.9
MINING	0.1	0.1	0.1	.0	.0
CONSTRUCTION	0.8	0.8	1.0	.0	-.2
TRANSPORTATION & PUBLIC UTILITIES	1.2	1.2	1.1	.0	.1
WHOLESALE & RETAIL TRADE	8.7	8.6	8.2	.1	.5
WHOLESALE TRADE	1.8	1.8	1.7	.0	.1
RETAIL TRADE	6.8	6.8	6.5	.0	.3
FINANCE, INSURANCE AND REAL ESTATE	0.9	0.9	0.9	.0	.0
SERVICES	4.5	4.5	4.3	.0	.2
GOVERNMENT	5.0	5.1	4.6	-.1	.4
FEDERAL GOVERNMENT	0.4	0.4	0.4	.0	.0
STATE & LOCAL GOVERNMENT	4.6	4.7	4.2	-.1	.4

Bristol, Virginia Area covers the city of Bristol and the counties of Scott and Washington.

le A-6.

ARLOTTESVILLE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS AUG. 1987	JULY 1987	AUG. 1986	NET CHANGE FROM JULY 1987	AUG. 1986
TOTAL NONAGRICULTURAL	61.0	61.5	60.8	-.5	.2
MANUFACTURING	8.6	8.6	8.7	.0	-.1
DURABLE GOODS	5.5	5.5	5.7	.0	-.2
FURNITURE AND FIXTURES	0.3	0.3	0.4	.0	-.1
ELECTRIC & ELECTRONIC EQUIPMENT	3.9	3.9	4.1	.0	-.2
NONDURABLE GOODS	3.0	3.0	3.0	.0	.0
TEXTILE MILL PRODUCTS	0.7	0.7	0.7	.0	.0
PRINTING AND PUBLISHING	0.9	0.9	0.8	.0	.1
NONMANUFACTURING	52.4	53.0	52.0	-.6	.4
MINING	0.1	0.1	0.1	.0	.0
CONSTRUCTION	3.9	4.0	3.6	-.1	.3
TRANSPORTATION & PUBLIC UTILITIES	2.3	2.3	2.1	.0	.2
WHOLESALE & RETAIL TRADE	12.2	12.2	12.2	.0	.0
WHOLESALE TRADE	1.7	1.8	1.8	-.1	-.1
RETAIL TRADE	10.4	10.4	10.5	.0	-.1
FINANCE, INSURANCE AND REAL ESTATE	3.2	3.2	3.1	.0	.1
SERVICES	11.2	11.4	11.3	-.2	-.1
GOVERNMENT	19.5	19.8	19.7	-.3	-.2
FEDERAL GOVERNMENT	1.2	1.3	1.3	-.1	-.1
STATE & LOCAL GOVERNMENT	18.3	18.5	18.4	-.2	-.1

harlottesville Metropolitan Statistical Area covers the city of Charlottesville and the counties of Albemarle, Fluvanna, and Greene.

footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.
DANVILLE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS AUG. 1987	EMPLOYMENT IN THOUSANDS JULY 1987	EMPLOYMENT IN THOUSANDS AUG. 1986	NET CHANGE FROM JULY 1987	NET CHANGE FROM AUG. 1986
TOTAL NONAGRICULTURAL	38.5	38.6	37.9	- .1	.6
MANUFACTURING	16.7	16.8	16.1	- .1	.6
DURABLE GOODS	3.1	3.3	3.2	- .2	- .1
LUMBER AND WOOD PRODUCTS	0.7	0.7	0.8	.0	- .1
MACHINERY EXCEPT ELECTRICAL	0.2	0.2	0.2	.0	.0
FABRICATED METAL PRODUCTS	0.4	0.5	0.3	- .1	.1
OTHER DURABLE GOODS	1.9	1.9	1.9	.0	.0
NONDURABLE GOODS	13.6	13.5	12.9	.1	.7
TOBACCO MANUFACTURES	0.9	0.6	0.6	.3	.3
TEXTILE MILL PRODUCTS & APPAREL & OTHER TEXTILE PRODUCTS & LEATHER & LEATHER PRODUCTS	9.7	9.9	9.2	- .2	.5
APPAREL & OTHER TEXTILE PRODUCTS	0.9	0.9	1.0	.0	- .1
NONMANUFACTURING	21.8	21.8	21.8	.0	.0
MINING	0.1	0.1	0.1	.0	.0
CONSTRUCTION	1.4	1.3	1.4	.1	.0
TRANSPORTATION & PUBLIC UTILITIES	1.0	1.0	1.0	.0	.0
WHOLESALE & RETAIL TRADE	8.3	8.2	8.1	.1	.2
WHOLESALE TRADE	1.2	1.2	1.2	.0	.0
RETAIL TRADE	7.0	7.0	6.9	.0	.1
FINANCE, INSURANCE AND REAL ESTATE	1.1	1.1	1.2	.0	- .1
SERVICES	5.5	5.5	5.8	.0	- .3
GOVERNMENT	4.5	4.5	4.4	.0	.1
FEDERAL GOVERNMENT	0.3	0.3	0.3	.0	.0
STATE & LOCAL GOVERNMENT	4.2	4.2	4.1	.0	.1

The Danville Metropolitan Statistical Area covers the city of Danville and the county of Pittsylvania.

NOTE: The category "Other Durable Goods" includes the furniture and fixtures; stone, clay, and glass products; primary metal; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.

Table A-8.
LYNCHBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS AUG. 1987	EMPLOYMENT IN THOUSANDS JULY 1987	EMPLOYMENT IN THOUSANDS AUG. 1986	NET CHANGE FROM JULY 1987	NET CHANGE FROM AUG. 1986
TOTAL NONAGRICULTURAL	69.7	69.5	69.0	.2	.7
MANUFACTURING	24.2	24.0	23.8	.2	.4
DURABLE GOODS	15.5	15.3	15.1	.2	.4
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	3.0	3.0	3.0	.0	.0
OTHER DURABLE GOODS	12.5	12.3	12.1	.2	.4
NONDURABLE GOODS	8.7	8.7	8.7	.0	.0
FOOD & KINDRED PRODUCTS	1.5	1.4	1.4	.1	.1
TEXTILE MILL PRODUCTS	1.7	1.6	1.7	.1	.0
PAPER & ALLIED PRODUCTS	1.1	1.1	1.0	.0	.1
NONMANUFACTURING	45.5	45.5	45.2	.0	.3
MINING	0.1	0.1	0.1	.0	.0
CONSTRUCTION	3.4	3.4	3.3	.0	.1
TRANSPORTATION & PUBLIC UTILITIES	2.9	2.9	2.9	.0	.0
WHOLESALE & RETAIL TRADE	13.4	13.3	12.8	.1	.6
WHOLESALE TRADE	2.5	2.5	2.4	.0	.1
RETAIL TRADE	10.9	10.9	10.5	.0	.4
FINANCE, INSURANCE AND REAL ESTATE	3.3	3.4	3.3	- .1	.0
SERVICES	13.4	13.4	13.6	.0	- .2
GOVERNMENT	8.9	9.1	9.1	- .2	- .2
FEDERAL GOVERNMENT	0.5	0.5	0.5	.0	.0
STATE & LOCAL GOVERNMENT	8.4	8.6	8.6	- .2	- .2

The Lynchburg Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst and Campbell.

NOTE: The category "Other Durable Goods" includes the stone, clay, and glass products; primary metal; fabricated metal products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.
NORFOLK-VIRGINIA BEACH-NEWPORT NEWS METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS AUG. 1987	EMPLOYMENT IN THOUSANDS JULY 1987	EMPLOYMENT IN THOUSANDS AUG. 1986	NET CHANGE FROM JULY 1987	NET CHANGE FROM AUG. 1986
TOTAL NONAGRICULTURAL	551.1	549.0	536.0	2.1	15.1
MANUFACTURING	66.9	66.5	69.8	.4	- 2.9
DURABLE GOODS	48.4	47.9	50.9	.5	- 2.5
LUMBER AND WOOD PRODUCTS	2.2	2.1	2.1	.1	.1
FABRICATED METAL PRODUCTS	1.4	1.4	1.6	.0	- .2
MACHINERY EXCEPT ELECTRICAL	2.1	2.0	2.1	.1	.0
ELECTRIC & ELECTRONIC EQUIPMENT	1.4	1.4	2.1	.0	- .7
TRANSPORTATION EQUIPMENT	35.4	34.8	37.0	.6	- 1.6
NONDURABLE GOODS	18.4	18.6	18.9	- .2	- .5
FOOD & KINDRED PRODUCTS	7.7	7.8	7.8	- .1	- .1
PRINTING AND PUBLISHING	4.1	4.2	4.3	- .1	- .2
CHEMICALS & ALLIED PRODUCTS	2.0	2.0	1.9	.0	.1
NONMANUFACTURING	484.2	482.4	466.2	1.8	18.0
MINING	0.1	0.1	0.1	.0	.0
CONSTRUCTION	38.2	38.2	38.6	.0	- .4
TRANSPORTATION & PUBLIC UTILITIES	26.1	26.2	26.0	- .1	.1
RAILROAD TRANSPORTATION	1.8	1.8	1.9	.0	- .1
WHOLESALE & RETAIL TRADE	141.2	139.7	131.9	1.5	9.3
WHOLESALE TRADE	22.3	22.3	21.9	.0	.4
RETAIL TRADE	118.9	117.4	110.0	1.5	8.9
FINANCE, INSURANCE AND REAL ESTATE	25.9	25.9	25.3	.0	.6
BANKING	6.3	6.3	6.5	.0	- .2
INS CARRIERS, AGENTS, BROKERS, & SERVICES	4.2	4.3	4.2	- .1	.0
SERVICES	131.6	131.2	124.7	.4	6.9
PERSONAL SERVICES	7.8	7.8	7.3	.0	.5
GOVERNMENT	121.1	121.2	119.8	- .1	1.3
FEDERAL GOVERNMENT	55.9	55.9	55.1	.0	.8
STATE & LOCAL GOVERNMENT	65.1	65.3	64.7	- .2	.4

The Norfolk-Virginia Beach-Newport News Metropolitan Statistical Area covers the cities of Chesapeake, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Suffolk, Virginia Beach, and Williamsburg and the counties of Gloucester, James City, and York.

Table A-10.
NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS AUG. 1987	EMPLOYMENT IN THOUSANDS JULY 1987	EMPLOYMENT IN THOUSANDS AUG. 1986	NET CHANGE FROM JULY 1987	NET CHANGE FROM AUG. 1986
TOTAL NONAGRICULTURAL	684.7	687.9	659.9	- 3.2	24.8
MANUFACTURING	34.5	34.4	34.8	.1	- .3
DURABLE GOODS	19.5	19.6	20.9	- .1	- 1.4
FABRICATED METAL PRODUCTS	1.0	1.0	1.1	.0	- .1
MACHINERY EXCEPT ELECTRICAL	2.2	2.2	2.2	.0	.0
ELECTRIC & ELECTRONIC EQUIPMENT	12.1	12.2	13.4	- .1	- 1.3
NONDURABLE GOODS	15.0	14.8	13.9	.2	1.1
PRINTING AND PUBLISHING	10.1	10.0	9.3	.1	.8
NONMANUFACTURING	650.2	653.5	625.1	- 3.3	25.1
MINING	0.4	0.4	0.5	.0	- .1
CONSTRUCTION	50.9	50.8	49.8	.1	1.1
TRANSPORTATION & PUBLIC UTILITIES	49.5	49.5	46.7	.0	2.8
ELECTRIC, GAS & SANITARY SERVICES	4.2	4.2	4.1	.0	.1
WHOLESALE & RETAIL TRADE	158.8	159.1	153.0	- .3	5.8
WHOLESALE TRADE	31.2	31.2	30.3	.0	.9
RETAIL TRADE	127.7	127.8	122.7	- .1	5.0
GENERAL MERCHANDISE STORES	14.8	14.9	14.1	- .1	.7
AUTOMOTIVE DEALERS AND SERVICE STATIONS	16.1	16.3	16.1	- .2	.0
APPAREL & ACCESSORY STORES	9.1	9.1	8.2	.0	.9
FINANCE, INSURANCE AND REAL ESTATE	44.6	44.4	41.4	.2	3.2
BANKING	7.2	7.1	6.9	.1	.3
SERVICES	209.3	208.9	202.3	.4	7.0
BUSINESS SERVICES	87.8	87.0	85.0	.8	2.8
GOVERNMENT	136.6	140.4	131.5	- 3.8	5.1
FEDERAL GOVERNMENT	75.3	75.4	73.3	- .1	2.0
STATE & LOCAL GOVERNMENT	61.3	65.0	58.2	- 3.7	3.1

The Northern Virginia Area covers the cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, Prince William, and Stafford.

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.
RICHMOND-PETERSBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS AUG. 1987	JULY 1987	AUG. 1986	NET CHANGE FROM JULY 1987	AUG. 1986
TOTAL NONAGRICULTURAL	429.3	430.3	413.2	- 1.0	16.1
MANUFACTURING	63.3	63.1	62.8	.2	.5
DURABLE GOODS	18.9	18.9	18.4	.0	.5
LUMBER AND WOOD PRODUCTS	2.2	2.3	2.0	- .1	.2
FURNITURE AND FIXTURES	1.1	1.1	0.9	.0	.2
STONE, CLAY & GLASS PRODUCTS	1.7	1.7	1.6	.0	.1
FABRICATED METAL PRODUCTS	1.9	1.9	2.1	.0	- .2
MACHINERY EXCEPT ELECTRICAL	2.6	2.6	2.5	.0	.1
OTHER DURABLE GOODS	9.3	9.3	9.4	.0	- .1
NONDURABLE GOODS	44.4	44.2	44.4	.2	.0
FOOD & KINDRED PRODUCTS	4.7	4.6	4.3	.1	.4
TOBACCO MANUFACTURES	12.5	12.5	12.9	.0	- .4
APPAREL & OTHER TEXTILE PRODUCTS	2.0	1.9	2.1	.1	- .1
PAPER & ALLIED PRODUCTS	4.8	4.8	5.0	.0	- .2
PRINTING AND PUBLISHING	7.2	7.1	7.0	.1	.2
CHEMICALS & ALLIED PRODUCTS	10.8	10.8	10.5	.0	.3
OTHER NONDURABLE GOODS	2.5	2.5	2.5	.0	.0
NONMANUFACTURING	366.0	367.2	350.4	- 1.2	15.6
MINING	0.4	0.4	0.4	.0	.0
CONSTRUCTION	27.3	27.5	26.0	- .2	1.3
TRANSPORTATION & PUBLIC UTILITIES	22.9	22.7	22.6	.2	.3
WHOLESALE & RETAIL TRADE	102.1	102.6	100.8	- .5	1.3
WHOLESALE TRADE	25.4	25.3	25.2	.1	.2
RETAIL TRADE	76.6	77.3	75.6	- .7	1.0
GENERAL MERCHANDISE STORES	13.2	13.4	12.7	- .2	.5
FOOD STORES	11.0	11.2	11.6	- .2	- .6
AUTOMOTIVE DEALERS AND SERVICE STATIONS	8.4	8.5	8.6	- .1	- .2
FINANCE, INSURANCE AND REAL ESTATE	35.0	35.1	33.4	- .1	1.6
INS CARRIERS, AGENTS, BROKERS, & SERVICES	12.3	12.4	12.4	- .1	- .1
SERVICES	90.5	90.7	84.7	- .2	5.8
HEALTH SERVICES	20.8	20.8	20.2	0	.6
GOVERNMENT	87.8	88.2	82.5	- .4	5.3
FEDERAL GOVERNMENT	17.0	16.9	16.4	.1	.6
STATE & LOCAL GOVERNMENT	70.8	71.3	66.0	- .5	4.8

The Richmond-Petersburg Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell, Petersburg, and Richmond and the counties of Charles City, Chesterfield, Dinwiddie, Goochland, Hanover, Henrico, New Kent, Powhatan, and Prince George.

NOTE: The category "Other Durable Goods" includes the primary metal; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.

The category "Other Nondurable Goods" includes the textile mill products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.

Table A-12.
ROANOKE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS AUG 1987	JULY 1987	AUG 1986	NET CHANGE FROM JULY 1987	AUG. 1986
TOTAL NONAGRICULTURAL	122.1	122.8	117.9	- .7	4.2
MANUFACTURING	20.5	20.6	20.5	- .1	.0
DURABLE GOODS	12.1	12.2	12.2	- .1	- .1
FURNITURE AND FIXTURES	1.7	1.7	1.7	.0	.0
FABRICATED METAL PRODUCTS	1.7	1.7	1.7	.0	.0
MACHINERY EXCEPT ELECTRICAL	1.6	1.6	1.6	.0	.0
NONDURABLE GOODS	8.4	8.4	8.3	0	.1
TEXTILE MILL PRODUCTS	1.6	1.5	1.4	.1	.2
PRINTING AND PUBLISHING	1.1	1.1	1.1	.0	.0
NONMANUFACTURING	101.6	102.1	97.4	- .5	4.2
MINING	0.2	0.1	0.2	.1	.0
CONSTRUCTION	7.6	7.6	7.2	.0	.4
TRANSPORTATION & PUBLIC UTILITIES	8.9	8.9	9.1	.0	- .2
WHOLESALE & RETAIL TRADE	34.3	34.8	31.6	- .5	2.7
WHOLESALE TRADE	9.1	9.0	8.8	.1	.3
RETAIL TRADE	25.2	25.7	22.9	- .5	2.3
FINANCE, INSURANCE AND REAL ESTATE	8.4	8.4	8.1	.0	.3
SERVICES	27.1	27.1	27.1	.0	.0
GOVERNMENT	15.1	15.3	14.2	- .2	.9
FEDERAL GOVERNMENT	3.5	3.5	3.4	.0	.1
STATE & LOCAL GOVERNMENT	11.7	11.8	10.8	- .1	.9

The Roanoke Metropolitan Statistical Area covers the cities of Roanoke and Salem and the counties of Botetourt and Roanoke.

See footnote Table A-1.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C-1.

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	AUG. 1987	JULY 1987	AUG. 1986	AUG. 1987	JULY 1987	AUG. 1986	AUG. 1987	JULY 1987	AUG. 1986
MANUFACTURING	$361.75	$358.99	$355.69	40.6	40.2	40.1	$8.91	$8.93	$8.87
DURABLE GOODS	355.88	354.09	365.20	41.0	40.7	41.5	8.68	8.70	8.80
LUMBER AND WOOD PRODUCTS	267.70	270.40	267.90	39.6	40.0	40.9	6.76	6.76	6.55
FURNITURE AND FIXTURES	246.63	237.51	225.32	40.9	39.0	39.6	6.03	6.09	5.69
HOUSEHOLD AND OFFICE FURNITURE	240.72	231.84	221.03	40.8	38.9	39.4	5.90	5.96	5.61
STONE, CLAY & GLASS PRODUCTS	354.47	359.12	337.13	41.9	42.6	42.3	8.46	8.43	7.97
PRIMARY METAL INDUSTRIES	472.54	423.54	457.18	45.7	41.2	45.4	10.34	10.28	10.07
FABRICATED METAL PRODUCTS	407.73	403.43	408.24	43.1	42.2	43.2	9.46	9.56	9.45
FABRICATED STRUCTURAL METAL PRODUCTS	387.10	364.65	358.39	44.7	42.5	43.6	8.66	8.58	8.22
MACHINERY EXCEPT ELECTRICAL	392.81	417.19	381.61	41.7	44.1	41.3	9.42	9.46	9.24
ELECTRIC & ELECTRONIC EQUIPMENT	374.14	386.05	366.54	40.8	41.6	41.0	9.17	9.28	8.94
COMMUNICATION EQUIPMENT	398.26	415.67	363.27	41.1	42.2	41.9	9.69	9.85	8.67
INSTRUMENTS & RELATED PRODUCTS	1/ 325.61	322.46	245.21	1/ 42.9	41.5	37.9	1/ 7.59	7.77	6.47
MISC. MANUFACTURING INDUSTRIES	313.23	324.59	293.66	39.4	42.1	39.9	7.95	7.71	7.36
NONDURABLE GOODS	367.13	363.37	348.66	40.3	39.8	39.0	9.11	9.13	8.94
FOOD & KINDRED PRODUCTS	367.11	371.65	319.71	42.1	41.9	38.8	8.72	8.87	8.24
TEXTILE MILL PRODUCTS	288.43	285.22	274.79	41.5	40.4	39.2	6.95	7.06	7.01
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	321.32	315.23	306.68	42.9	42.2	42.3	7.49	7.47	7.25
KNITTING MILLS	274.32	264.71	244.26	41.5	39.1	35.4	6.61	6.77	6.90
MISC. TEXTILE GOODS	348.06	322.46	306.01	46.1	43.4	43.1	7.55	7.43	7.10
APPAREL & OTHER TEXTILE PRODUCTS	198.91	199.43	191.88	36.7	37.0	35.6	5.42	5.39	5.39
MENS & BOYS SUITS, COATS AND FURNISHINGS	203.99	215.39	193.91	35.6	37.2	34.2	5.73	5.79	5.67
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	187.22	185.50	181.94	37.0	37.4	36.1	5.06	4.96	5.04
PAPER & ALLIED PRODUCTS	494.93	491.31	476.53	43.0	42.1	42.7	11.51	11.67	11.16
PULP, PAPER & PAPERBOARD	590.64	583.74	594.05	42.8	42.3	44.2	13.80	13.80	13.44
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	406.66	405.66	372.19	43.4	42.3	41.4	9.37	9.59	8.99
PRINTING AND PUBLISHING	422.22	407.43	415.90	38.7	37.9	40.3	10.91	10.75	10.32
NEWSPAPER AND PERIODICALS	348.04	350.81	332.05	34.7	35.4	35.1	10.03	9.91	9.46
CHEMICALS & ALLIED PRODUCTS	477.50	469.97	463.72	40.5	40.1	39.6	11.79	11.72	11.71
PLASTICS MATERIALS AND SYNTHETICS	492.88	488.02	477.41	40.7	40.1	39.1	12.11	12.17	12.21
LEATHER & LEATHER PRODUCTS	168.63	168.17	149.69	36.5	36.4	32.4	4.62	4.62	4.62

[1] 1987 data not comparable to prior years.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
BRISTOL, VIRGINIA AREA

	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
INDUSTRY GROUP	AUG. 1987	JULY 1987	AUG. 1986	AUG. 1987	JULY 1987	AUG. 1986	AUG. 1987	JULY 1987	AUG. 1986
MANUFACTURING	$303.40	$331.55	$301.32	40.4	41.6	40.5	$7.51	$7.97	$7.44
DURABLE GOODS	344.67	393.27	364.63	39.8	43.6	42.3	8.66	9.02	8.62
FABRICATED METAL PRODUCTS	477.63	460.94	435.94	43.5	40.9	41.4	10.98	11.27	10.53
MACHINERY & TRANSPORTATION EQUIPMENT	296.78	386.51	336.26	38.0	46.4	43.0	7.81	8.33	7.82
NONDURABLE GOODS	250.91	251.16	231.21	41.2	39.0	38.6	6.09	6.44	5.99
FOOD & KINDRED PRODUCTS	251.26	250.14	255.00	36.1	36.2	37.5	6.96	6.91	6.80
APPAREL & OTHER TEXTILE PRODUCTS	239.59	229.91	208.98	44.7	39.1	38.7	5.36	5.88	5.40

Data for the Bristol, Virginia Area (city of Bristol and the counties of Scott and Washington) cover approximately 7,100 production workers.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
CHARLOTTESVILLE METROPOLITAN STATISTICAL AREA

	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
INDUSTRY GROUP	AUG. 1987	JULY 1987	AUG. 1986	AUG. 1987	JULY 1987	AUG. 1986	AUG. 1987	JULY 1987	AUG. 1986
MANUFACTURING	$303.55	$302.81	$314.07	40.8	40.7	42.1	$7.44	$7.44	$7.46
DURABLE GOODS	308.33	314.83	317.75	40.2	41.1	41.0	7.67	7.66	7.75
ELECTRIC & ELECTRONIC EQUIPMENT	311.66	321.36	334.56	38.1	39.0	40.8	8.18	8.24	8.20
NONDURABLE GOODS	294.69	282.40	306.68	41.8	40.0	44.0	7.05	7.06	6.97
PRINTING AND PUBLISHING	324.79	303.58	311.62	39.9	37.9	39.9	8.14	8.01	7.81

Data for the Charlottesville Metropolitan Statistical Area (city of Charlottesville and the counties of Albemarle, Fluvanna, and Greene) cover approximately 5,800 production workers.

See footnote Table C-1.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
DANVILLE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	AUG. 1987	JULY 1987	AUG. 1986	AUG. 1987	JULY 1987	AUG. 1986	AUG. 1987	JULY 1987	AUG. 1986
MANUFACTURING	$353.60	$356.14	$352.75	41.6	41.8	41.5	$8.50	$8.52	$8.50
DURABLE GOODS	346.53	320.40	306.23	41.7	39.9	37.9	8.31	8.03	8.08
FABRICATED METAL PRODUCTS	254.28	254.28	264.15	44.3	44.3	42.4	5.74	5.74	6.23
NONDURABLE GOODS	354.41	365.05	364.64	41.5	42.3	42.4	8.54	8.63	8.60
APPAREL & OTHER TEXTILE PRODUCTS	232.12	232.17	268.23	34.8	34.6	37.1	6.67	6.71	7.23

Data for the Danville Metropolitan Statistical Area (city of Danville and the county of Pittsylvania) cover approximately 13,800 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
LYNCHBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	AUG. 1987	JULY 1987	AUG. 1986	AUG. 1987	JULY 1987	AUG. 1986	AUG. 1987	JULY 1987	AUG. 1986
MANUFACTURING	$361.67	$343.51	$349.43	42.3	40.7	41.5	$8.55	$8.44	$8.42
DURABLE GOODS	371.92	348.35	364.20	42.7	40.6	42.3	8.71	8.58	8.61
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	235.71	240.19	202.38	40.5	40.3	36.4	5.82	5.96	5.56
NONDURABLE GOODS	345.28	338.25	328.04	41.7	41.1	40.3	8.28	8.23	8.14
FOOD & KINDRED PRODUCTS	365.80	378.21	330.05	43.6	44.6	41.0	8.39	8.48	8.05
TEXTILE MILL PRODUCTS	311.96	293.60	305.93	42.1	40.0	40.9	7.41	7.34	7.48
PAPER & ALLIED PRODUCTS	469.26	478.76	450.70	46.6	46.8	43.8	10.07	10.23	10.29

Data for the Lynchburg Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst and Campbell) cover approximately 17,200 production workers.

See footnote Table C-1.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS AUG. 1987	AVERAGE WEEKLY EARNINGS JULY 1987	AVERAGE WEEKLY EARNINGS AUG. 1986	AVERAGE WEEKLY HOURS AUG. 1987	AVERAGE WEEKLY HOURS JULY 1987	AVERAGE WEEKLY HOURS AUG. 1986	AVERAGE HOURLY EARNINGS AUG. 1987	AVERAGE HOURLY EARNINGS JULY 1987	AVERAGE HOURLY EARNINGS AUG. 1986
MANUFACTURING	$383.96	$381.21	$385.93	39.3	39.3	41.1	$9.77	$9.70	$9.39
DURABLE GOODS	410.24	407.89	375.58	42.6	42.4	42.2	9.63	9.62	8.90
FABRICATED METAL PRODUCTS	412.46	371.97	373.22	43.6	40.3	41.7	9.46	9.23	8.95
ELECTRIC & ELECTRONIC EQUIPMENT	391.95	385.26	355.42	40.2	39.8	40.9	9.75	9.68	8.69
NONDURABLE GOODS	359.47	355.99	399.40	36.2	36.4	39.9	9.93	9.7[illegible]	10.01

Data for the Northern Virginia Area (cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, Prince William and Stafford) cover approximately 16,300 production workers.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES
RICHMOND-PETERSBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS AUG. 1987	AVERAGE WEEKLY EARNINGS JULY 1987	AVERAGE WEEKLY EARNINGS AUG. 1986	AVERAGE WEEKLY HOURS AUG. 1987	AVERAGE WEEKLY HOURS JULY 1987	AVERAGE WEEKLY HOURS AUG. 1986	AVERAGE HOURLY EARNINGS AUG. 1987	AVERAGE HOURLY EARNINGS JULY 1987	AVERAGE HOURLY EARNINGS AUG. 1986
MANUFACTURING	$484.57	$470.74	$453.13	41.1	40.2	40.1	$11.79	$11.71	$11.30
DURABLE GOODS	389.42	395.47	360.76	42.7	42.8	41.9	9.12	9.24	8.61
LUMBER AND WOOD PRODUCTS	1/ 239.37	245.96	258.30	1/ 39.5	39.8	42.0	1/ 6.06	6.18	6.15
FURNITURE AND FIXTURES	1/ 347.31	332.17	334.11	45.4	42.1	43.0	1/ 7.65	7.89	7.77
FABRICATED METAL PRODUCTS	309.85	310.44	317.85	38.3	39.0	39.0	8.09	7.96	8.15
NONDURABLE GOODS	521.24	500.29	488.22	40.5	39.3	39.5	12.87	12.73	12.36
FOOD & KINDRED PRODUCTS	384.87	370.91	315.70	40.9	39.5	38.5	9.41	9.39	8.20
APPAREL & OTHER TEXTILE PRODUCTS	220.22	202.18	181.71	38.5	35.1	32.8	5.72	5.76	5.54
PAPER & ALLIED PRODUCTS	511.89	487.06	470.22	45.3	42.8	43.1	11.30	11.38	10.91
PRINTING AND PUBLISHING	481.07	446.91	437.66	40.7	39.1	40.3	11.82	11.43	10.86
CHEMICALS & ALLIED PRODUCTS	563.00	560.11	563.39	40.1	39.5	40.3	14.04	14.18	13.98

Data for the Richmond-Petersburg Metropolitan Statistical Area (cities of Colonial Heights, Hopewell, Petersburg, and Richmond and the counties of Charles City, Chesterfield, Dinwiddie, Goochland, Hanover, Henrico, New Kent, Powhatan, and Prince George) cover approximately 42,700 production workers.

[1] 1987 data not comparable to prior years.

See footnote Table C-1.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS AUG. 1987	AVERAGE WEEKLY EARNINGS JULY 1987	AVERAGE WEEKLY EARNINGS AUG. 1986	AVERAGE WEEKLY HOURS AUG. 1987	AVERAGE WEEKLY HOURS JULY 1987	AVERAGE WEEKLY HOURS AUG. 1986	AVERAGE HOURLY EARNINGS AUG. 1987	AVERAGE HOURLY EARNINGS JULY 1987	AVERAGE HOURLY EARNINGS AUG. 1986
MANUFACTURING	$342.91	$354.55	$334.09	39.1	40.8	40.3	$8.77	$8.69	$8.29
DURABLE GOODS	363.51	375.83	352.87	40.3	41.3	40.7	9.02	9.10	8.67
FABRICATED METAL PRODUCTS	1/ 299.90	319.20	319.77	1/ 38.4	40.1	41.8	7.81	7.96	7.65
NONDURABLE GOODS	1/ 314.63	324.01	306.88	1/ 37.5	40.1	39.7	8.39	8.08	7.73
TEXTILE MILL PRODUCTS	243.58	304.68	266.12	34.6	42.2	40.2	7.04	7.22	6.62

Data for the Roanoke Metropolitan Statistical Area (cities of Roanoke and Salem and the counties of Botetourt and Roanoke) cover approximately 14,400 production workers.

[1] 1987 data not comparable to prior years.

See footnote Table C-1.

CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS U.S. CITY AVERAGE

ALL ITEMS—(1967 = 100)

Year	Jan.	Feb.	March	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.	Ann. Avg. Change
1979	204.7	207.1	209.1	211.5	214.1	216.6	218.9	221.1	223.4	225.4	227.5	229.9	217.4	11.38
1980	233.2	236.4	239.8	242.5	244.9	247.6	247.8	249.4	251.7	253.9	256.2	258.4	246.8	13.5
1981	260.5	263.2	265.1	266.8	269.0	271.3	274.4	276.5	279.3	279.9	280.7	281.5	272.4	10.4
1982	282.5	283.4	283.1	284.3	287.1	290.6	292.2	292.8	293.3	294.1	293.6	292.4	289.1	6.1
1983	293.1	293.2	293.4	295.5	297.1	298.1	299.3	300.3	301.8	302.6	303.1	303.5	298.4	3.2
1984	305.2	306.6	307.3	308.8	309.7	310.7	311.7	313.0	314.5	315.3	315.3	315.5	311.1	4.3
1985	316.1	317.4	318.8	320.1	321.3	322.3	322.8	323.5	324.5	325.5	326.6	327.4	322.2	3.6
1986	328.4	327.5	326.0	325.3	326.3	327.9	328.0	328.6	330.2	330.5	330.8	331.1	328.4	1.9
1987	333.1	334.4	335.9	337.7	338.7	340.1	340.8	342.7						

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours, and earnings are collected by the Virginia Employment Commission in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 7,500 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers, and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production of nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work, but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Reliability of Employment Estimates. The BLS establishment sample covers approximately 44.5 percent of the total employment for the state. Since small sampling and response errors cumulative over several months, there was a 0.1 percent adjustment in benchmark levels for the First Quarter 1986 benchmark.

Labor force and unemployment estimates for the state and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a federal-state cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

This publication is prepared on a monthly schedule by the Economic Information Services Division of the Virginia Employment Commission for use by private and public sector activities. Comments and suggestions regarding content are welcomed and may be addressed to:

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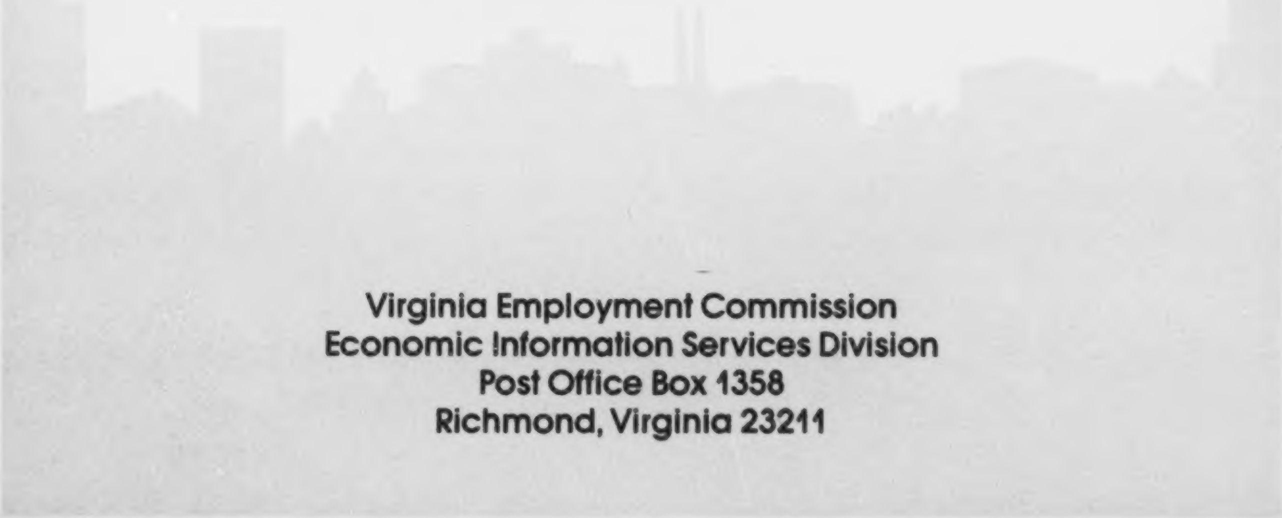
EMPLOYMENT, HOURS AND EARNINGS

IN
VIRGINIA
AND ITS
METROPOLITAN AREAS

OCTOBER, 1987



Virginia Employment Commission
Economic Information Services Division
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EMPLOYMENT, HOURS, AND EARNINGS
Volume 37, Number 10

Virginia Employment Commission
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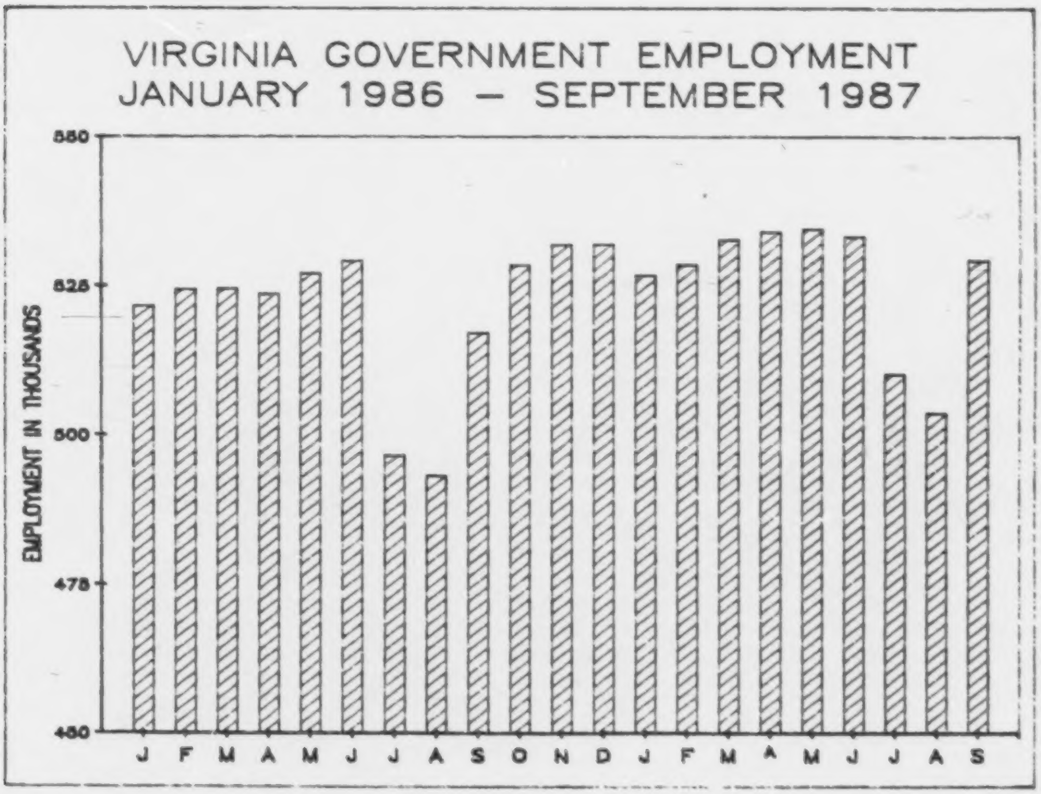
SEASONAL FACTORS CAUSE DIVERGENT TRENDS

TOTAL NONAGRICULTURAL EMPLOYMENT REGAINED ITS UPWARD MOMENTUM DURING SEPTEMBER WITH A RISE OF 19,500 EMPLOYEES--2,653,500 REPORTED ON PAYROLLS STATEWIDE. Most of the trend was seasonal due to the reopening of educational facilities. The significant gain in this area offset the general downturn in most of the other major categories.

NONMANUFACTURING EMPLOYMENT ADVANCED 18,600 OVER THE MONTH TO REACH A LEVEL OF 2,226,500 WORKERS. Employment over the year has increased by 63,800. Most of the gains were clustered in the government division as teachers, students, and nonteaching personnel returned to schools from summer break. During September 1987, 25,700 employees were added to the government division. A slight decline in federal government was hidden by the increase. Activity in the mining sector remained unchanged, while construction employment declined 4,300. Transportation and public utilities was up by 300.

WHOLESALE AND RETAIL TRADE EXPERIENCED A DOWNSWING IN EMPLOYMENT FOR SEPTEMBER. Seasonal drops in eating and drinking places (-600); automotive dealers and service stations (-700), and miscellaneous retail (-1,100) accounted for most of the decline.



ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

Table A-1.

	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
INDUSTRY GROUP	SEP. 1987	AUG. 1987	SEP. 1986	AUG. 1987	SEP. 1986
TOTAL NONAGRICULTURAL	2,653.5	2,634.0	2,590.0	19.5	63.5
MANUFACTURING	427.0	426.1	427.3	.9	-.3
DURABLE GOODS	200.1	199.9	202.3	.2	-2.2
LUMBER AND WOOD PRODUCTS	24.1	24.4	24.2	-.3	-.1
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	8.2	8.3	8.0	-.1	.2
FURNITURE AND FIXTURES	24.7	24.5	25.1	.2	-.4
HOUSEHOLD AND OFFICE FURNITURE	22.9	22.7	23.5	.2	-.6
STONE, CLAY & GLASS PRODUCTS	16.3	16.2	15.7	.1	.6
CONCRETE, GYPSUM AND PLASTER PRODUCTS	7.6	7.6	7.4	.0	.2
PRIMARY METAL INDUSTRIES	11.2	11.1	10.7	.1	.5
FABRICATED METAL PRODUCTS	18.1	18.2	18.7	-.1	-.6
FABRICATED STRUCTURAL METAL PRODUCTS	10.7	10.6	11.1	.1	-.4
MACHINERY EXCEPT ELECTRICAL	16.5	16.4	15.5	.1	1.0
ELECTRIC & ELECTRONIC EQUIPMENT	38.5	38.4	40.1	.1	-1.6
COMMUNICATION EQUIPMENT	15.3	15.5	16.6	-.2	-1.3
TRANSPORTATION EQUIPMENT	43.0	43.0	44.6	.0	-1.6
INSTRUMENTS & RELATED PRODUCTS	4.7	4.6	4.5	.1	.2
MISC. MANUFACTURING INDUSTRIES	3.1	3.1	3.2	.0	-.1
NONDURABLE GOODS	226.9	226.3	225.0	.6	1.9
FOOD & KINDRED PRODUCTS	40.8	40.3	40.1	.5	.7
MEAT PRODUCTS	14.5	14.3	13.7	.2	.8
BEVERAGES	5.5	5.5	5.5	.0	.0
TOBACCO MANUFACTURES	14.2	13.6	14.9	.6	-.7
TEXTILE MILL PRODUCTS	45.9	45.5	43.3	.4	2.6
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	15.4	15.2	14.5	.2	.9
NARROW FABRIC MILLS	1.1	1.1	1.1	.0	.0
KNITTING MILLS	21.7	21.5	20.1	.2	1.6
MISC. TEXTILE GOODS	1.2	1.2	1.1	.0	.1
APPAREL & OTHER TEXTILE PRODUCTS	29.3	23.0	29.3	.3	.0
MENS & BOYS SUITS, COATS AND FURNISHINGS	9.6	9.6	9.7	.0	-.1
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	15.8	15.7	15.9	.1	-.1
PAPER & ALLIED PRODUCTS	15.3	15.3	15.6	.0	-.3
PULP, PAPER & PAPERBOARD	8.0	8.0	8.0	.0	.0
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	7.0	6.9	7.2	.1	-.2
PAPERBOARD CONTAINERS AND BOXES	4.1	4.1	4.1	.0	.0
PRINTING AND PUBLISHING	31.7	31.7	31.1	.0	.6
NEWSPAPER AND PERIODICALS	13.5	13.5	13.2	.0	.3
COMMERCIAL PRINTING	12.2	12.2	11.9	.0	.3
CHEMICALS & ALLIED PRODUCTS	33.3	33.4	32.8	-.1	.5
PLASTICS MATERIALS AND SYNTHETICS	17.0	17.0	17.5	.0	-.5
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	15.1	15.3	15.8	-.2	-.7
MISC. PLASTICS PRODUCTS	9.0	9.1	9.5	-.1	-.5
LEATHER & LEATHER PRODUCTS	1.4	2.2	2.2	-.8	-.8

(Continued on page 3)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 2)

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	SEP. 1987	AUG. 1987	SEP. 1986	AUG. 1987	SEP. 1986
NONMANUFACTURING	2,226.5	2,207.9	2,162.7	18.6	63.8
MINING	15.6	15.6	16.3	.0	- .7
BITUMINOUS COAL AND LIGNITE MINING	12.3	12.4	13.3	- .1	- 1.0
CONSTRUCTION	178.5	182.8	176.6	- 4.3	1.9
TRANSPORTATION & PUBLIC UTILITIES	143.0	142.7	139.5	.3	3.5
RAILROAD TRANSPORTATION	10.9	10.9	11.6	.0	- .7
TRUCKING & WAREHOUSING	33.7	33.4	32.2	.3	1.5
TRANSPORTATION BY AIR	19.8	19.8	19.5	.0	.3
COMMUNICATION	41.7	41.8	40.5	- .1	1.2
ELECTRIC, GAS & SANITARY SERVICES	21.4	21.4	20.6	.0	.8
WHOLESALE & RETAIL TRADE	608.5	611.3	586.1	- 2.8	22.4
WHOLESALE TRADE	125.2	125.2	124.1	.0	1.1
WHOLESALE TRADE - DURABLE GOODS	79.0	79.1	77.9	- .1	1.1
WHOLESALE TRADE - NONDURABLE GOODS	46.2	46.1	46.2	.1	.0
RETAIL TRADE	483.4	486.0	462.0	- 2.6	21.4
GENERAL MERCHANDISE STORES	60.8	61.1	59.4	- .3	1.4
DEPARTMENT STORES	47.2	47.5	46.8	- .3	.4
VARIETY STORES	11.9	12.0	10.9	- .1	1.0
FOOD STORES	78.4	78.6	75.6	- .2	2.8
AUTOMOTIVE DEALERS AND SERVICE STATIONS	56.8	57.5	55.9	- .7	.9
APPAREL & ACCESSORY STORES	24.6	24.7	24.1	- .1	.5
FURNITURE AND HOME FURNISHING STORES	28.3	27.7	25.6	.6	2.7
EATING & DRINKING PLACES	154.2	154.8	143.6	- .6	10.6
MISCELLANEOUS RETAIL	60.4	61.5	59.1	- 1.1	1.3
FINANCE, INSURANCE AND REAL ESTATE	139.1	140.6	133.3	- 1.5	5.8
BANKING	36.0	36.2	35.3	- .2	.7
CREDIT AGENCIES OTHER THAN BANKS	23.1	23.4	21.7	- .3	1.4
SECURITY, COMMODITY BROKERS & SERVICES	4.4	4.4	4.0	.0	.4
INSURANCE CARRIERS	23.6	23.5	23.2	.1	.4
REAL ESTATE	34.4	35.4	33.6	- 1.0	.8
SERVICES	612.3	611.1	593.7	1.2	18.6
HOTELS AND OTHER LODGING PLACES	43.0	44.8	42.6	- 1.8	.4
PERSONAL SERVICES	32.6	32.6	31.2	.0	1.4
BUSINESS SERVICES	162.6	162.4	154.2	.2	8.4
AUTO REPAIR SERVICES & GARAGES	17.2	17.4	16.3	- .2	.9
MISC. REPAIR SERVICES	7.3	7.3	7.2	.0	.1
MOTION PICTURES	3.2	3.2	3.1	.0	.1
AMUSEMENT AND RECREATION SERVICES	20.1	22.6	19.1	- 2.5	1.0
HEALTH SERVICES	138.0	137.8	133.8	.2	4.2
HOSPITALS	70.7	70.6	68.3	.1	2.4
EDUCATIONAL SERVICES	30.1	23.0	30.3	7.1	- .2
GOVERNMENT	529.5	503.8	517.3	25.7	12.2
FEDERAL GOVERNMENT	169.5	170.7	167.2	- 1.2	2.3
STATE & LOCAL GOVERNMENT	359.9	333.1	350.1	26.8	9.8
STATE GOVERNMENT	126.0	116.6	121.4	9.4	4.6
LOCAL GOVERNMENT	233.9	216.5	228.6	17.4	5.3

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to first quarter 1986 benchmark levels.

NOTE: Detail may not add to totals because of rounding.

SEASONAL FACTORS CAUSE
DIVERGENT TRENDS
(Continued from page 1)

FINANCE, INSURANCE, AND REAL ESTATE ALSO WAS IN THE NEGATIVE COLUMN FOR SEPTEMBER. Most of the slide can be attributed to seasonal factors in the real estate segment; however, several other areas did edge downward. A total of 1,500 employees were shaved in this category. Services employment managed to inch forward as seasonal gains in educational services (+7,100) outpaced losses in amusement and recreational services (-2,500) and hotels and other lodging places (-1,800).

MANUFACTURING EMPLOYMENT INCHED UPWARD BY 900 IN SEPTEMBER TO A LEVEL OF 427,000. Seasonal augmentation among fruit and vegetable processors, as well as stemming and redrying plants, was responsible for the upward movement. Setbacks caused by plant closings in the leather and leather products division were hidden by the rise.

THE 324,000 WORKERS ON FACTORY PAYROLLS RECEIVED AN AVERAGE WEEKLY EARNING OF $379.05 IN SEPTEMBER. This was an increase of $17.30 from August 1987 and a gain of $15.60 over the year. Average weekly hours were at 41.7 during the month. The over-the-month increase was 1.1 hours. Average weekly hours were also one hour longer than in September 1986. A gain of $.18 over the month put average hourly earnings at $9.09. This was $.16 more than the $8.93 earned in September 1986.

* * * * * * * *

THE CONSUMER PRICE INDEX - SEPTEMBER 1987

THE U. S. DEPARTMENT OF LABOR'S BUREAU OF LABOR STATISTICS ALL URBAN CONSUMER PRICE INDEX (CPI-U) INCREASED 0.5 PERCENT IN SEPTEMBER 1987 TO A LEVEL OF 344.4 (1967 = 100). For the 12-month period ending in September, the CPI-U increased 4.3 percent. The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) rose 0.5 percent in September. The September 1987 CPI-W level of 339.1 (1967 = 100) was 4.4 percent higher than the September 1986 index. The CPI for October 1987 will be released November 20, 1987, and may be obtained by dialing (804) 786-4490.

Table A-2.

VIRGINIA
EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1977-1986
JANUARY 1984 TO DATE
(IN THOUSANDS)

Year and Month	Total	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance, and Real Estate	Services	Government
Annual Average									
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,115.0	413.8	23.3	138.4	114.2	443.9	104.4	383.5	493.5
1980	2,157.2	413.8	22.7	128.3	115.8	451.2	105.9	408.3	511.2
1981	2,160.8	414.0	21.7	116.3	117.6	460.4	106.1	418.3	506.6
1982	2,146.4	397.2	22.1	103.8	119.0	462.4	106.9	434.8	500.1
1983	2,206.9	403.6	17.4	113.9	120.4	480.2	110.1	460.4	500.9
1984	2,333.3	421.3	18.3	132.8	127.2	516.5	117.1	495.1	505.0
1985	2,454.7	423.4	17.3	152.0	132.0	547.0	122.8	544.7	515.6
1986	2,557.1	424.2	16.4	168.1	137.3	580.2	130.8	579.0	521.0
1984:									
January	2,238.0	411.8	17.9	114.1	122.6	491.5	113.3	464.9	501.9
February	2,243.9	413.7	17.8	114.6	123.2	487.0	113.4	469.1	505.1
March	2,268.3	416.2	18.1	118.3	123.8	494.4	114.5	477.2	505.7
April	2,289.5	416.7	18.5	124.7	125.1	499.2	114.9	482.9	507.6
May	2,320.3	418.2	18.8	130.7	126.5	507.6	116.4	489.7	512.6
June	2,356.1	422.7	19.4	137.3	128.4	512.9	118.6	501.8	514.8
July	2,337.5	420.9	19.7	142.7	128.9	523.5	119.7	507.7	474.4
August	2,355.4	425.6	19.4	144.1	129.3	525.6	120.0	509.9	481.6
September	2,383.3	427.2	19.2	143.2	128.8	526.1	118.8	510.1	509.8
October	2,391.6	427.9	17.5	142.8	129.9	534.3	118.1	509.3	511.6
November	2,401.8	427.2	16.4	141.6	129.3	543.3	118.6	508.5	516.9
December	2,413.7	426.9	16.6	139.9	130.2	552.3	119.2	510.4	518.2
1985:									
January	2,362.8	422.6	17.0	132.5	129.2	522.3	118.1	506.8	514.4
February	2,361.8	422.3	17.1	130.9	128.1	517.4	118.4	511.3	516.3
March	2,392.6	422.9	17.2	139.6	128.8	525.1	119.5	520.7	518.9
April	2,424.2	421.6	17.3	147.3	129.9	528.6	120.0	538.2	521.2
May	2,458.0	421.1	17.5	153.4	131.9	640.3	121.8	547.1	524.9
June	2,488.9	422.3	17.8	158.5	133.1	546.9	124.2	558.0	528.0
July	2,446.7	417.2	17.3	160.7	133.0	549.8	125.3	555.1	488.4
August	2,465.4	425.0	17.5	162.4	133.4	553.2	125.7	560.3	487.9
September	2,494.2	427.6	17.4	159.5	133.6	556.1	124.9	560.4	514.7
October	2,510.4	426.9	17.2	160.0	133.7	565.4	124.9	561.4	521.0
November	2,519.7	426.3	17.0	159.7	134.3	574.1	125.0	557.8	525.4
December	2,532.1	425.6	16.9	159.2	134.7	585.1	125.2	559.0	526.4
1986:									
January	2,469.9	421.2	16.6	150.2	133.4	555.5	124.6	546.6	521.8
February	2,470.2	422.5	16.6	148.8	132.9	556.8	125.0	549.1	524.6
March	2,494.0	422.3	16.7	155.2	133.6	557.5	126.1	557.8	524.7
April	2,528.4	422.8	16.6	164.6	135.0	565.3	128.0	572.3	523.8
May	2,559.3	422.3	16.7	169.3	137.1	575.7	130.1	580.7	527.3
June	2,585.0	423.3	16.8	174.4	134.1	583.2	132.9	590.8	529.4
July	2,565.5	422.2	16.7	178.2	139.8	585.9	134.4	591.7	496.7
August	2,568.5	425.3	16.5	179.3	140.0	586.7	135.4	592.0	493.4
September	2,590.0	427.3	16.3	176.6	139.5	586.1	133.3	593.7	517.3
October	2,607.5	427.8	16.0	175.3	139.9	594.6	133.0	592.3	528.7
November	2,620.2	428.1	15.9	173.9	140.3	605.4	133.8	590.7	532.1
December	2,626.5	425.3	16.0	171.0	141.6	616.1	133.6	590.7	532.2
1987:									
January	2,573.6	423.2	15.9	164.1	139.9	585.8	133.4	584.1	526.9
February	2,568.0	422.7	15.5	161.4	139.8	580.4	133.6	585.7	528.8
March	2,591.3	422.6	15.5	165.7	140.1	586.1	134.5	593.7	533.0
April	2,615.0	422.2	15.5	171.1	141.1	595.0	135.5	600.4	534.3
May	2,631.4	422.0	15.6	173.7	141.1	601.7	137.5	605.0	534.8
June	2,656.6	425.3	15.6	178.2	142.0	609.0	139.3	613.6	533.5
July	2,638.8	424.7	15.6	183.2	142.5	610.7	140.8	611.8	509.5
August	2,634.0	426.1	15.6	182.8	142.7	611.3	140.6	611.1	503.8
September	2,653.5	427.0	15.6	178.5	143.0	608.5	139.1	612.3	529.5

See footnote Table A-1.

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

Table A-3.

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS SEP. 1987	AUG. 1987	SEP. 1986	NET CHANGE FROM AUG. 1987	SEP. 1986
TOTAL NONAGRICULTURAL	1,199.9	1,182.6	1,162.2	17.3	37.7
MANUFACTURING	149.0	148.7	149.5	.3	-.5
DURABLE GOODS	51.0	50.7	51.0	.3	.0
LUMBER AND WOOD PRODUCTS	4.5	4.5	4.2	.0	.3
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	2.2	2.2	2.2	.0	.0
FURNITURE AND FIXTURES	8.9	8.9	9.1	.0	-.2
HOUSEHOLD AND OFFICE FURNITURE	8.6	8.5	8.8	.1	-.2
STONE, CLAY & GLASS PRODUCTS	2.3	2.3	2.4	.0	-.1
CONCRETE, GYPSUM AND PLASTER PRODUCTS	0.6	0.6	0.6	.0	.0
PRIMARY METAL INDUSTRIES	2.4	2.3	2.4	.1	.0
FABRICATED METAL PRODUCTS	3.6	3.6	3.6	.0	.0
FABRICATED STRUCTURAL METAL PRODUCTS	1.3	1.2	1.2	.1	.1
MACHINERY EXCEPT ELECTRICAL	2.8	2.8	2.6	.0	.2
ELECTRIC & ELECTRONIC EQUIPMENT	16.4	16.2	16.5	.2	-.1
COMMUNICATION EQUIPMENT	7.1	7.1	7.3	.0	-.2
TRANSPORTATION EQUIPMENT	6.5	6.6	6.7	-.1	-.2
INSTRUMENTS & RELATED PRODUCTS	2.4	2.4	2.3	.0	.1
MISC. MANUFACTURING INDUSTRIES	1.2	1.2	1.2	.0	.0
NONDURABLE GOODS	98.0	98.0	98.5	.0	-.5
FOOD & KINDRED PRODUCTS	14.4	14.0	14.2	.4	.2
MEAT PRODUCTS	6.0	5.9	5.4	.1	.6
BEVERAGES	0.8	0.8	0.8	.0	.0
TOBACCO MANUFACTURES	4.3	4.1	4.3	.2	.0
TEXTILE MILL PRODUCTS	26.4	26.2	25.4	.2	1.0
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	7.1	7.0	6.6	.1	.5
NARROW FABRIC MILLS	0.7	0.6	0.6	.1	.1
KNITTING MILLS	15.4	15.3	14.7	.1	.7
MISC. TEXTILE GOODS	0.4	0.4	0.4	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	25.7	25.5	26.5	.2	-.8
MENS & BOYS SUITS, COATS AND FURNISHINGS	8.7	8.7	9.1	.0	-.4
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	14.7	14.6	15.1	.1	-.4
PAPER & ALLIED PRODUCTS	2.7	2.7	2.7	.0	.0
PULP, PAPER & PAPERBOARD	0.8	0.9	0.8	-.1	.0
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	1.8	1.8	1.8	.0	.0
PAPERBOARD CONTAINERS AND BOXES	0.9	0.8	0.8	.1	.1
PRINTING AND PUBLISHING	11.3	11.3	11.1	.0	.2
NEWSPAPER AND PERIODICALS	5.3	5.3	5.2	.0	.1
COMMERCIAL PRINTING	3.0	3.0	3.0	.0	.0
CHEMICALS & ALLIED PRODUCTS	9.2	9.4	9.2	-.2	.0
PLASTICS MATERIALS AND SYNTHETICS	4.3	4.5	4.7	-.2	-.4
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	3.0	3.1	3.6	-.1	-.6
MISC. PLASTICS PRODUCTS	2.2	2.2	2.7	.0	-.5
LEATHER & LEATHER PRODUCTS	0.9	1.6	1.6	.7	-.7

(Continued on page 7)

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 6)

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS SEP. 1987	AUG. 1987	SEP. 1986	NET CHANGE FROM AUG. 1987	SEP. 1986
NONMANUFACTURING	1,050.9	1,033.9	1,012.7	17.0	38.2
MINING	0.7	0.7	0.7	.0	.0
BITUMINOUS COAL AND LIGNITE MINING	0.5	0.5	0.4	.0	.1
CONSTRUCTION	15.5	15.7	14.9	- .2	.6
TRANSPORTATION & PUBLIC UTILITIES	46.2	46.0	44.0	.2	2.2
RAILROAD TRANSPORTATION	1.4	1.4	1.5	.0	- .1
TRUCKING & WAREHOUSING	4.1	4.0	3.9	.1	.2
TRANSPORTATION BY AIR	9.0	9.0	8.7	.0	.3
COMMUNICATION	21.3	21.4	20.6	- .1	.7
ELECTRIC, GAS & SANITARY SERVICES	4.9	4.8	4.3	.1	.6
WHOLESALE & RETAIL TRADE	278.2	279.5	266.1	- 1.3	12.1
WHOLESALE TRADE	34.1	33.9	33.1	.2	1.0
WHOLESALE TRADE - DURABLE GOODS	20.5	20.5	19.9	.0	.6
WHOLESALE TRADE - NONDURABLE GOODS	13.5	13.4	13.2	.1	.3
RETAIL TRADE	244.2	245.5	233.0	- 1.3	11.2
GENERAL MERCHANDISE STORES	41.3	41.5	40.3	- .2	1.0
DEPARTMENT STORES	32.3	32.5	32.0	- .2	.3
VARIETY STORES	7.9	8.0	7.2	- .1	.7
FOOD STORES	34.3	34.4	33.0	- .1	1.3
AUTOMOTIVE DEALERS AND SERVICE STATIONS	13.2	13.4	12.9	- .2	.3
APPAREL & ACCESSORY STORES	18.1	18.2	17.7	- .1	.4
FURNITURE AND HOME FURNISHING STORES	10.7	10.5	9.6	.2	1.1
EATING & DRINKING PLACES	87.5	87.8	81.3	- .3	6.2
MISCELLANEOUS RETAIL	34.9	35.5	34.3	- .6	.6
FINANCE, INSURANCE AND REAL ESTATE	86.0	86.8	81.8	- .8	4.2
BANKING	26.7	26.9	26.0	- .2	.7
CREDIT AGENCIES OTHER THAN BANKS	17.3	17.5	16.5	- .2	.8
SECURITY, COMMODITY BROKERS & SERVICES	2.1	2.1	1.8	.0	.3
INSURANCE CARRIERS	15.0	15.0	14.8	.0	.2
REAL ESTATE	14.8	15.2	14.4	- .4	.4
SERVICES	345.8	344.2	333.9	1.6	11.9
HOTELS AND OTHER LODGING PLACES	24.3	25.4	24.0	- 1.1	.3
PERSONAL SERVICES	22.4	22.5	21.3	- .1	1.1
BUSINESS SERVICES	68.1	68.0	64.4	.1	3.7
AUTO REPAIR SERVICES & GARAGES	3.2	3.3	3.1	- .1	.1
MISC. REPAIR SERVICES	1.9	1.9	2.0	.0	- .1
MOTION PICTURES	1.5	1.5	1.5	.0	.0
AMUSEMENT AND RECREATION SERVICES	9.1	10.2	8.2	- 1.1	.9
HEALTH SERVICES	115.3	115.1	111.3	.2	4.0
HOSPITALS	59.4	59.3	57.0	.1	2.4
EDUCATIONAL SERVICES	18.0	13.7	18.0	4.3	.0
GOVERNMENT	278.5	261.0	271.3	17.5	7.2
FEDERAL GOVERNMENT	70.4	71.1	69.1	- .7	1.3
STATE & LOCAL GOVERNMENT	208.0	189.9	202.2	18.1	5.8
STATE GOVERNMENT	63.6	59.1	61.6	4.5	2.0
LOCAL GOVERNMENT	144.4	130.9	140.6	13.5	3.8

See footnote Table A-1.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table A-4.

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	SEP. 1987	AUG. 1987	SEP. 1986	AUG. 1987	SEP. 1986
MANUFACTURING	324.0	322.8	322.0	1.2	2.0
DURABLE GOODS	149.8	149.4	150.6	.4	- .8
LUMBER AND WOOD PRODUCTS	20.6	20.9	20.9	- .3	- .3
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	6.7	6.8	6.6	- .1	.1
FURNITURE AND FIXTURES	21.1	21.1	21.4	.0	- .3
HOUSEHOLD AND OFFICE FURNITURE	20.0	19.9	20.4	.1	- .4
STONE, CLAY & GLASS PRODUCTS	13.4	13.4	12.9	.0	.5
CONCRETE, GYPSUM AND PLASTER PRODUCTS	6.1	6.1	5.9	.0	.2
PRIMARY METAL INDUSTRIES	7.2	7.0	6.3	.2	.9
FABRICATED METAL PRODUCTS	13.2	13.1	13.7	.1	- .5
FABRICATED STRUCTURAL METAL PRODUCTS	7.2	7.1	7.7	.1	- .5
MACHINERY EXCEPT ELECTRICAL	11.6	11.6	10.6	.0	1.0
ELECTRIC & ELECTRONIC EQUIPMENT	20.1	19.9	21.2	.2	- 1.1
COMMUNICATION EQUIPMENT	8.8	8.8	9.3	.0	- .5
TRANSPORTATION EQUIPMENT	36.7	36.6	38.1	.1	- 1.4
INSTRUMENTS & RELATED PRODUCTS	3.2	3.2	2.7	.0	.5
MISC. MANUFACTURING INDUSTRIES	2.6	2.6	2.6	.0	.0
NONDURABLE GOODS	174.2	173.4	171.4	.8	2.8
FOOD & KINDRED PRODUCTS	29.6	29.0	28.2	.6	1.4
MEAT PRODUCTS	11.9	11.7	11.2	.2	.7
BEVERAGES	2.6	2.4	2.1	.2	.5
TOBACCO MANUFACTURES	8.8	8.3	9.4	.5	- .6
TEXTILE MILL PRODUCTS	41.9	41.5	39.4	.4	2.5
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	13.7	13.6	13.0	.1	.7
NARROW FABRIC MILLS	1.1	1.0	1.1	.1	.0
KNITTING MILLS	20.2	20.1	18.5	.1	1.7
MISC. TEXTILE GOODS	1.0	0.9	0.9	.1	.1
APPAREL & OTHER TEXTILE PRODUCTS	26.9	26.6	27.0	.3	- .1
MENS & BOYS SUITS, COATS AND FURNISHINGS	8.8	8.7	8.8	.1	.0
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	14.7	14.5	14.9	.2	- .2
PAPER & ALLIED PRODUCTS	11.8	11.7	12.1	.1	- .3
PULP, PAPER & PAPERBOARD	5.7	5.7	5.7	.0	.0
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	5.9	5.8	6.1	.1	- .2
PAPERBOARD CONTAINERS AND BOXES	3.4	3.4	3.5	.0	- .1
PRINTING AND PUBLISHING	18.6	18.7	18.2	- .1	.4
NEWSPAPER AND PERIODICALS	4.5	4.6	4.4	- .1	.1
COMMERCIAL PRINTING	10.0	10.0	9.8	.0	.2
CHEMICALS & ALLIED PRODUCTS	23.6	23.7	23.0	- .1	.6
PLASTICS MATERIALS AND SYNTHETICS	12.9	13.0	13.2	- .1	- .3
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	11.7	11.9	12.3	- .2	- .6
MISC. PLASTICS PRODUCTS	6.8	6.9	7.3	- .1	- .5
LEATHER & LEATHER PRODUCTS	1.2	2.0	2.0	- .8	- .8

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.
BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS SEP. 1987	AUG. 1987	SEP. 1986	NET CHANGE FROM AUG. 1987	SEP. 1986
TOTAL NONAGRICULTURAL	31.5	30.8	29.9	.7	1.6
MANUFACTURING	10.0	9.8	9.3	.2	.7
DURABLE GOODS	5.4	5.3	4.8	.1	.6
FABRICATED METAL PRODUCTS	1.3	1.3	1.4	.0	- .1
MACHINERY & TRANSPORTATION EQUIPMENT	2.9	2.8	2.4	.1	.5
NONDURABLE GOODS	4.6	4.5	4.5	.1	.1
FOOD & KINDRED PRODUCTS	1.6	1.5	1.5	.1	.1
APPAREL & OTHER TEXTILE PRODUCTS	1.8	1.8	1.9	.0	- .1
PAPER & ALLIED PRODS. & PRINTING & PUBLISHING	0.5	0.5	0.5	.0	.0
NONMANUFACTURING	21.6	21.0	20.6	.6	1.0
MINING	0.1	0.1	0.1	.0	.0
CONSTRUCTION	0.8	0.8	1.0	.0	- .2
TRANSPORTATION & PUBLIC UTILITIES	1.2	1.2	1.1	.0	.1
WHOLESALE & RETAIL TRADE	8.7	8.6	8.1	.1	.6
WHOLESALE TRADE	1.9	1.8	1.7	.1	.2
RETAIL TRADE	6.8	6.8	6.3	.0	.5
FINANCE, INSURANCE AND REAL ESTATE	0.9	0.9	1.0	.0	- .1
SERVICES	4.6	4.5	4.4	.1	.2
GOVERNMENT	5.3	4.9	5.0	.4	.3
FEDERAL GOVERNMENT	0.4	0.4	0.4	.0	.0
STATE & LOCAL GOVERNMENT	4.8	4.5	4.6	.3	.2

The Bristol, Virginia Area covers the city of Bristol and the counties of Scott and Washington.

Table A-6.
CHARLOTTESVILLE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS SEP. 1987	AUG. 1987	SEP. 1986	NET CHANGE FROM AUG. 1987	SEP. 1986
TOTAL NONAGRICULTURAL	63.0	61.0	63.9	2.0	- .9
MANUFACTURING	8.7	8.6	8.7	.1	.0
DURABLE GOODS	5.6	5.5	5.7	.1	- .1
FURNITURE AND FIXTURES	0.3	0.3	0.4	.0	- .1
ELECTRIC & ELECTRONIC EQUIPMENT	4.0	3.9	4.1	.1	- .1
NONDURABLE GOODS	3.1	3.0	3.0	.1	.1
TEXTILE MILL PRODUCTS	0.7	0.7	0.7	.0	.0
PRINTING AND PUBLISHING	0.9	0.9	0.8	.0	.1
NONMANUFACTURING	54.4	52.5	55.2	1.9	- .8
MINING	0.1	0.1	0.1	.0	.0
CONSTRUCTION	3.8	4.0	3.5	- .2	.3
TRANSPORTATION & PUBLIC UTILITIES	2.3	2.3	2.0	.0	.3
WHOLESALE & RETAIL TRADE	12.1	12.2	12.1	- .1	.0
WHOLESALE TRADE	1.7	1.7	1.8	.0	- .1
RETAIL TRADE	10.3	10.4	10.3	- .1	.0
FINANCE, INSURANCE AND REAL ESTATE	3.3	3.2	3.0	.1	.3
SERVICES	11.0	11.2	11.2	- .2	- .2
GOVERNMENT	21.8	19.5	23.2	2.3	- 1.4
FEDERAL GOVERNMENT	1.2	1.2	1.3	.0	- .1
STATE & LOCAL GOVERNMENT	20.6	18.3	21.8	2.3	- 1.2

The Charlottesville Metropolitan Statistical Area covers the city of Charlottesville and the counties of Albemarle, Fluvanna, and Greene.

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.
DANVILLE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS SEP. 1987	AUG. 1987	SEP. 1986	NET CHANGE FROM AUG. 1987	SEP 1986
TOTAL NONAGRICULTURAL	39.9	38.5	39,6	1.4	.3
MANUFACTURING	17.3	16.7	17.0	.6	.3
DURABLE GOODS	3.2	3.1	3.2	.1	.0
LUMBER AND WOOD PRODUCTS	0.7	0.7	0.8	.0	-.1
MACHINERY EXCEPT ELECTRICAL	0.2	0.2	0.2	.0	.0
FABRICATED METAL PRODUCTS	0.5	0.4	0.4	.1	.1
OTHER DURABLE GOODS	1.9	1.8	1.8	.1	.1
NONDURABLE GOODS	14.1	13.5	13.9	.6	.2
TOBACCO MANUFACTURES	1.4	0.9	1.5	.5	-.1
TEXTILE MILL PRODUCTS & APPAREL & OTHER TEXTILE PRODUCTS & LEATHER & LEATHER PRODUCTS	9.7	9.7	9.3	.0	.4
APPAREL & OTHER TEXTILE PRODUCTS	0.9	0.9	1.0	.0	-.1
NONMANUFACTURING	22.6	21.8	22.6	.8	.0
MINING	0.1	0.1	0.1	.0	.0
CONSTRUCTION	1.3	1.4	1.5	-.1	-.2
TRANSPORTATION & PUBLIC UTILITIES	1.0	1.0	1.0	.0	.0
WHOLESALE & RETAIL TRADE	8.3	8.3	8.1	.0	.2
WHOLESALE TRADE	1.2	1.2	1.2	.0	.0
RETAIL TRADE	7.1	7.0	6.8	.1	.3
FINANCE, INSURANCE AND REAL ESTATE	1.1	1.1	1.2	.0	-.1
SERVICES	5.6	5.5	5.8	.1	-.2
GOVERNMENT	5.1	4.5	5.1	.6	.0
FEDERAL GOVERNMENT	0.3	0.3	0.3	.0	.0
STATE & LOCAL GOVERNMENT	4.8	4.2	4.8	.6	.0

The Danville Metropolitan Statistical Area covers the city of Danville and the county of Pittsylvania.

NOTE: The category "Other Durable Goods" includes the furniture and fixtures; stone, clay, and glass products; primary metal; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.

Table A-8.
LYNCHBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS SEP. 1987	AUG. 1987	SEP. 1986	NET CHANGE FROM AUG. 1987	SEP. 1986
TOTAL NONAGRICULTURAL	71.8	69.9	70.5	1.9	1.3
MANUFACTURING	24.1	24.2	23.9	-.1	.2
DURABLE GOODS	15.5	15.5	15.2	.0	.3
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	3.0	3.0	3.1	.0	-.1
OTHER DURABLE GOODS	12.5	12.5	12.1	.0	.4
NONDURABLE GOODS	8.6	8.7	8.7	-.1	-.1
FOOD & KINDRED PRODUCTS	1.5	1.5	1.4	.0	.1
TEXTILE MILL PRODUCTS	1.7	1.7	1.7	.0	.0
PAPER & ALLIED PRODUCTS	1.1	1.1	1.0	.0	.1
NONMANUFACTURING	47.8	45.7	46.6	2.1	1.2
MINING	0.1	0.1	0.1	0	.0
CONSTRUCTION	3.4	3.4	3.3	.0	.1
TRANSPORTATION & PUBLIC UTILITIES	2.9	2.9	3.0	.0	-.1
WHOLESALE & RETAIL TRADE	13.4	13.4	13.1	.0	.3
WHOLESALE TRADE	2.5	2.5	2.4	.0	.1
RETAIL TRADE	10.9	10.9	10.7	.0	.2
FINANCE, INSURANCE AND REAL ESTATE	3.4	3.4	3.3	.0	.1
SERVICES	14.8	13.5	14.3	1.3	.5
GOVERNMENT	9.7	9.0	9.6	.7	.1
FEDERAL GOVERNMENT	0.5	0.5	0.5	.0	.0
STATE & LOCAL GOVERNMENT	9.2	8.5	9.1	.7	1

The Lynchburg Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst and Campbell.

NOTE: The category "Other Durable Goods" includes the stone, clay, and glass products; primary metal; fabricated metal products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.
NORFOLK-VIRGINIA BEACH-NEWPORT NEWS METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS SEP 1987	AUG 1987	SEP 1986	NET CHANGE FROM AUG 1987	SEP 1986
TOTAL NONAGRICULTURAL	549.9	549.4	535.4	.5	14.5
MANUFACTURING	66.4	66.6	69.3	-.2	-2.9
DURABLE GOODS	48.2	48.2	50.5	0	-2.3
LUMBER AND WOOD PRODUCTS	2.1	2.1	2.0	0	.1
FABRICATED METAL PRODUCTS	1.4	1.4	1.6	0	-.2
MACHINERY EXCEPT ELECTRICAL	2.0	2.0	2.1	0	-.1
ELECTRIC & ELECTRONIC EQUIPMENT	1.3	1.3	1.9	0	-.6
TRANSPORTATION EQUIPMENT	35.4	35.3	37.1	.1	-1.7
NONDURABLE GOODS	18.2	18.4	18.8	-.2	-.6
FOOD & KINDRED PRODUCTS	7.7	7.7	7.7	0	0
PRINTING AND PUBLISHING	4.1	4.1	4.3	0	-.2
CHEMICALS & ALLIED PRODUCTS	2.0	2.0	2.0	0	0
NONMANUFACTURING	483.5	482.8	466.1	.7	17.4
MINING	0.1	0.1	0.1	0	0
CONSTRUCTION	37.9	38.3	38.1	-.4	-.2
TRANSPORTATION & PUBLIC UTILITIES	26.1	26.1	25.8	.0	.3
RAILROAD TRANSPORTATION	1.8	1.8	2.0	0	-.2
WHOLESALE & RETAIL TRADE	139.1	140.4	131.2	-1.3	7.9
WHOLESALE TRADE	22.4	22.4	21.7	.0	.7
RETAIL TRADE	116.7	117.9	109.5	-1.2	7.2
FINANCE, INSURANCE AND REAL ESTATE	25.4	25.8	24.5	-.4	.9
BANKING	6.3	6.3	6.5	.0	-.2
INS CARRIERS, AGENTS, BROKERS, & SERVICES	4.2	4.2	4.2	.0	0
SERVICES	129.6	131.4	123.1	-1.8	6.5
PERSONAL SERVICES	7.9	7.8	7.6	.1	.3
GOVERNMENT	125.4	120.7	123.4	4.7	2.0
FEDERAL GOVERNMENT	55.6	56.0	55.1	-.4	.5
STATE & LOCAL GOVERNMENT	69.8	64.7	68.4	5.1	1.4

The Norfolk-Virginia Beach-Newport News Metropolitan Statistical Area covers the cities of Chesapeake, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Suffolk, Virginia Beach, and Williamsburg and the counties of Gloucester, James City, and York.

Table A-10.
NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS SEP 1987	AUG 1987	SEP 1986	NET CHANGE FROM AUG 1987	SEP 1986
TOTAL NONAGRICULTURAL	687.4	685.1	663.1	2.3	24.3
MANUFACTURING	34.5	34.6	34.8	-.1	-.3
DURABLE GOODS	19.5	19.6	20.8	-.1	-1.3
FABRICATED METAL PRODUCTS	1.0	1.0	1.1	0	-.1
MACHINERY EXCEPT ELECTRICAL	2.2	2.2	2.2	0	0
ELECTRIC & ELECTRONIC EQUIPMENT	12.1	12.1	13.4	0	-1.3
NONDURABLE GOODS	15.0	15.0	13.9	0	1.1
PRINTING AND PUBLISHING	10.2	10.1	9.5	.1	.7
NONMANUFACTURING	652.9	650.6	628.3	2.3	24.6
MINING	0.4	0.4	0.5	.0	-.1
CONSTRUCTION	49.6	50.9	49.1	-1.3	.5
TRANSPORTATION & PUBLIC UTILITIES	49.5	49.7	46.6	-.2	2.9
ELECTRIC, GAS & SANITARY SERVICES	4.2	4.2	4.0	0	.2
WHOLESALE & RETAIL TRADE	159.1	159.1	152.5	0	6.6
WHOLESALE TRADE	31.4	31.3	30.1	.1	1.3
RETAIL TRADE	127.7	127.8	122.5	-.1	5.2
GENERAL MERCHANDISE STORES	14.9	14.8	14.5	.1	.4
AUTOMOTIVE DEALERS AND SERVICE STATIONS	16.1	16.2	16.1	-.1	0
APPAREL & ACCESSORY STORES	9.4	9.2	8.2	.2	1.2
FINANCE, INSURANCE AND REAL ESTATE	43.9	44.7	41.1	-.8	2.8
BANKING	7.1	7.2	6.9	-.1	.2
SERVICES	207.9	209.1	201.9	-1.2	6.0
BUSINESS SERVICES	87.0	87.6	84.8	-.6	2.2
GOVERNMENT	142.4	136.7	136.7	5.7	5.7
FEDERAL GOVERNMENT	74.2	75.0	72.4	-.8	1.8
STATE & LOCAL GOVERNMENT	68.1	61.7	64.3	6.4	3.8

The Northern Virginia Area covers the cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, Prince William, and Stafford.

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

RICHMOND-PETERSBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	SEP. 1987	AUG. 1987	SEP. 1986	AUG. 1987	SEP. 1986
TOTAL NONAGRICULTURAL	431.0	429.8	419.1	1.2	11.9
MANUFACTURING	63.9	63.4	62.4	.5	1.5
DURABLE GOODS	18.9	18.9	18.5	.0	.4
LUMBER AND WOOD PRODUCTS	2.2	2.2	2.1	.0	.1
FURNITURE AND FIXTURES	1.1	1.2	0.9	-.1	.2
STONE, CLAY & GLASS PRODUCTS	1.7	1.7	1.6	.0	.1
FABRICATED METAL PRODUCTS	1.9	1.9	2.0	.0	-.1
MACHINERY EXCEPT ELECTRICAL	2.6	2.6	2.5	.0	.1
OTHER DURABLE GOODS	9.4	9.3	9.4	.1	.0
NONDURABLE GOODS	45.0	44.5	43.9	.5	1.1
FOOD & KINDRED PRODUCTS	4.8	4.6	4.2	.2	.6
TOBACCO MANUFACTURES	12.7	12.6	12.9	.1	-.2
APPAREL & OTHER TEXTILE PRODUCTS	2.0	2.0	2.0	.0	.0
PAPER & ALLIED PRODUCTS	4.9	4.9	5.0	.0	-.1
PRINTING AND PUBLISHING	7.2	7.1	6.9	.1	.3
CHEMICALS & ALLIED PRODUCTS	10.9	10.8	10.5	.1	.4
OTHER NONDURABLE GOODS	2.5	2.5	2.4	.0	.1
NONMANUFACTURING	367.1	366.4	356.8	.7	10.3
MINING	0.4	0.4	0.4	.0	.0
CONSTRUCTION	27.4	27.2	25.4	.2	2.0
TRANSPORTATION & PUBLIC UTILITIES	23.2	22.9	22.5	.3	.7
WHOLESALE & RETAIL TRADE	101.3	102.0	100.8	-.7	.5
WHOLESALE TRADE	25.4	25.5	25.3	-.1	.1
RETAIL TRADE	75.9	76.5	75.5	-.6	.4
GENERAL MERCHANDISE STORES	13.3	13.2	12.7	.1	.6
FOOD STORES	10.9	11.0	11.9	-.1	-1.0
AUTOMOTIVE DEALERS AND SERVICE STATIONS	8.2	8.4	8.5	-.2	-.3
FINANCE, INSURANCE AND REAL ESTATE	35.0	35.1	33.2	-.1	1.8
INS CARRIERS, AGENTS, BROKERS, & SERVICES	12.5	12.4	12.3	.1	.2
SERVICES	90.6	90.8	85.7	-.2	4.9
HEALTH SERVICES	20.8	20.8	19.9	.0	.9
GOVERNMENT	89.4	88.0	88.8	1.4	.6
FEDERAL GOVERNMENT	17.0	17.0	17.1	.0	-.1
STATE & LOCAL GOVERNMENT	72.4	71.0	71.7	1.4	.7

The Richmond-Petersburg Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell, Petersburg, and Richmond and the counties of Charles City, Chesterfield, Dinwiddie, Goochland, Hanover, Henrico, New Kent, Powhatan, and Prince George.

NOTE: The category "Other Durable Goods" includes the primary metal; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.

The category "Other Nondurable Goods" includes the textile mill products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.

Table A-12.

ROANOKE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	SEP. 1987	AUG. 1987	SEP. 1986	AUG. 1987	SEP. 1986
TOTAL NONAGRICULTURAL	122.0	122.1	117.9	-.1	4.1
MANUFACTURING	20.5	20.6	20.5	-.1	.0
DURABLE GOODS	12.0	12.2	12.1	-.2	-.1
FURNITURE AND FIXTURES	1.7	1.7	1.7	.0	.0
FABRICATED METAL PRODUCTS	1.6	1.7	1.6	-.1	.0
MACHINERY EXCEPT ELECTRICAL	1.6	1.6	1.6	.0	.0
NONDURABLE GOODS	8.5	8.4	8.4	.1	.1
TEXTILE MILL PRODUCTS	1.6	1.6	1.5	.0	.1
PRINTING AND PUBLISHING	1.0	1.0	1.1	.0	-.1
NONMANUFACTURING	101.5	101.5	97.4	.0	4.1
MINING	0.2	0.2	0.2	.0	.0
CONSTRUCTION	7.5	7.6	7.1	-.1	.4
TRANSPORTATION & PUBLIC UTILITIES	8.9	8.9	9.0	.0	-.1
WHOLESALE & RETAIL TRADE	33.4	34.3	31.6	-.9	1.8
WHOLESALE TRADE	9.1	9.1	8.7	.0	.4
RETAIL TRADE	24.3	25.2	22.9	-.9	1.4
FINANCE, INSURANCE AND REAL ESTATE	8.4	8.4	8.0	.0	.4
SERVICES	27.2	27.1	27.0	.1	.2
GOVERNMENT	15.9	15.1	14.6	.8	1.3
FEDERAL GOVERNMENT	3.5	3.5	3.4	.0	.1
STATE & LOCAL GOVERNMENT	12.4	11.6	11.2	.8	1.2

The Roanoke Metropolitan Statistical Area covers the cities of Roanoke and Salem and the counties of Botetourt and Roanoke.

See footnote Table A-1.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C-1.

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	SEP. 1987	AUG. 1987	SEP. 1986	SEP. 1987	AUG. 1987	SEP. 1986	SEP. 1987	AUG. 1987	SEP. 1986
MANUFACTURING	$379.05	$361.75	$363.45	41.7	40.6	40.7	$9.09	$8.91	$8.93
DURABLE GOODS	371.32	355.83	372.74	42.1	40.9	41.6	8.82	8.70	8.96
LUMBER AND WOOD PRODUCTS	276.00	275.93	253.44	40.0	40.4	38.4	6.90	6.83	6.60
FURNITURE AND FIXTURES	275.54	246.04	227.55	46.0	40.6	39.3	5.99	6.06	5.79
HOUSEHOLD AND OFFICE FURNITURE	272.58	239.98	224.04	46.2	40.4	39.1	5.90	5.94	5.73
STONE, CLAY & GLASS PRODUCTS	373.68	355.28	345.10	43.3	41.7	42.5	8.63	8.52	8.12
PRIMARY METAL INDUSTRIES	455.40	467.74	432.39	44.0	45.5	42.6	10.35	10.28	10.15
FABRICATED METAL PRODUCTS	407.46	413.69	394.06	42.4	43.5	42.1	9.61	9.51	9.36
FABRICATED STRUCTURAL METAL PRODUCTS	370.64	400.82	355.78	43.4	45.6	43.6	8.54	8.79	8.16
MACHINERY EXCEPT ELECTRICAL	402.99	391.76	378.98	43.1	41.5	41.6	9.35	9.44	9.11
ELECTRIC & ELECTRONIC EQUIPMENT	373.06	375.56	385.73	40.2	41.0	41.7	9.28	9.16	9.25
COMMUNICATION EQUIPMENT	423.15	398.26	400.90	42.4	41.1	43.2	9.98	9.69	9.28
INSTRUMENTS & RELATED PRODUCTS	1/288.60	299.70	246.14	1/39.0	40.5	38.4	1/7.40	7.40	6.41
MISC. MANUFACTURING INDUSTRIES	279.41	283.89	301.02	36.1	35.8	40.9	7.74	7.93	7.36
NONDURABLE GOODS	385.33	366.73	354.62	41.3	40.3	39.8	9.33	9.10	8.91
FOOD & KINDRED PRODUCTS	389.30	368.86	332.11	43.4	42.3	40.8	8.97	8.72	8.14
TEXTILE MILL PRODUCTS	301.61	288.84	281.78	42.6	41.5	39.3	7.08	6.96	7.17
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	332.64	321.00	318.82	44.0	42.8	43.2	7.56	7.50	7.38
KNITTING MILLS	292.90	274.32	253.11	43.2	41.5	35.7	6.78	6.61	7.09
MISC. TEXTILE GOODS	277.29	348.06	305.02	38.3	46.1	42.9	7.24	7.55	7.11
APPAREL & OTHER TEXTILE PRODUCTS	206.28	198.18	198.35	36.0	36.7	36.8	5.73	5.40	5.39
MENS & BOYS SUITS, COATS AND FURNISHINGS	219.60	204.92	213.16	36.6	35.7	36.5	6.00	5.74	5.84
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	190.27	186.11	181.79	35.9	37.0	36.8	5.30	5.03	4.94
PAPER & ALLIED PRODUCTS	536.69	492.33	484.59	45.1	42.7	43.5	11.90	11.53	11.14
PULP, PAPER & PAPERBOARD	665.52	589.36	600.31	47.1	42.8	44.9	14.13	13.77	13.37
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	416.21	404.12	380.22	43.4	42.9	42.2	9.59	9.42	9.01
PRINTING AND PUBLISHING	417.14	422.92	418.08	38.2	38.8	40.2	10.92	10.90	10.40
NEWSPAPER AND PERIODICALS	378.79	351.00	343.43	38.3	35.1	35.7	9.89	10.00	9.62
CHEMICALS & ALLIED PRODUCTS	511.92	478.31	458.50	43.2	40.5	39.8	11.85	11.81	11.52
PLASTICS MATERIALS AND SYNTHETICS	525.37	492.88	467.22	42.3	40.7	39.0	12.42	12.11	11.98
LEATHER & LEATHER PRODUCTS	186.34	164.47	156.39	34.7	35.6	34.6	5.37	4.62	4.52

[1] 1987 data not comparable to prior years.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	SEP. 1987	AUG. 1987	SEP. 1986	SEP. 1987	AUG. 1987	SEP. 1986	SEP. 1987	AUG. 1987	SEP. 1986
MANUFACTURING	$316.50	$304.91	$299.47	41.7	40.6	40.8	$7.59	$7.51	$7.34
DURABLE GOODS	369.78	348.53	354.90	42.7	40.2	42.3	8.66	8.67	8.39
FABRICATED METAL PRODUCTS	478.13	477.63	432.55	42.5	43.5	41.0	11.25	10.98	10.55
MACHINERY & TRANSPORTATION EQUIPMENT	333.98	296.78	322.37	42.6	38.0	43.8	7.84	7.81	7.36
NONDURABLE GOODS	250.48	250.50	236.56	40.4	41.2	39.1	6.20	6.08	6.05
FOOD & KINDRED PRODUCTS	246.69	251.49	264.19	35.7	36.5	38.4	6.91	6.89	6.88
APPAREL & OTHER TEXTILE PRODUCTS	230.23	239.59	209.86	42.4	44.7	39.3	5.43	5.36	5.34

Data for the Bristol, Virginia Area (city of Bristol and the counties of Scott and Washington) cover approximately 7,200 production workers.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
CHARLOTTESVILLE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	SEP. 1987	AUG. 1987	SEP. 1986	SEP. 1987	AUG. 1987	SEP. 1986	SEP. 1987	AUG. 1987	SEP. 1986
MANUFACTURING	$302.60	$303.14	$318.75	40.4	40.8	42.5	$7.49	$7.43	$7.50
DURABLE GOODS	311.55	308.33	331.21	40.2	40.2	42.3	7.75	7.67	7.83
ELECTRIC & ELECTRONIC EQUIPMENT	313.73	310.84	340.67	38.4	38.0	41.8	8.17	8.18	8.15
NONDURABLE GOODS	286.94	294.69	296.44	40.7	41.8	42.9	7.05	7.05	6.91
PRINTING AND PUBLISHING	319.93	324.79	269.31	39.4	39.9	36.1	8.12	8.14	7.46

Data for the Charlottesville Metropolitan Statistical Area (city of Charlottesville and the counties of Albemarle, Fluvanna, and Greene) cover approximately 5,900 production workers

See footnote Table C-1.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
DANVILLE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	SEP. 1987	AUG. 1987	SEP. 1986	SEP. 1987	AUG. 1987	SEP. 1986	SEP. 1987	AUG. 1987	SEP. 1986
MANUFACTURING	$381.81	$359.97	$346.52	44.5	42.3	41.4	$8.58	$8.51	$8.37
DURABLE GOODS	339.07	338.25	317.12	41.4	41.3	38.3	8.19	8.19	8.28
FABRICATED METAL PRODUCTS	239.84	239.84	250.51	42.6	42.6	39.7	5.63	5.63	6.31
NONDURABLE GOODS	391.43	364.65	354.06	45.2	42.5	42.2	8.66	8.58	8.39
APPAREL & OTHER TEXTILE PRODUCTS	302.15	232.12	231.17	43.6	34.8	34.4	6.93	6.67	6.72

Data for the Danville Metropolitan Statistical Area (city of Danville and the county of Pittsylvania) cover approximately 14,400 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
LYNCHBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	SEP. 1987	AUG. 1987	SEP. 1986	SEP. 1987	AUG. 1987	SEP. 1986	SEP. 1987	AUG. 1987	SEP. 1986
MANUFACTURING	$345.37	$358.25	$350.61	40.3	41.9	41.2	$8.57	$8.55	$8.51
DURABLE GOODS	340.42	365.79	361.92	39.4	41.9	41.6	8.64	8.73	8.70
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	222.51	235.71	215.08	38.9	40.5	37.8	5.72	5.82	5.69
NONDURABLE GOODS	352.78	345.69	333.73	41.7	41.8	40.6	8.46	8.27	8.22
FOOD & KINDRED PRODUCTS	388.51	366.64	344.03	43.8	43.7	41.4	8.87	8.39	8.31
TEXTILE MILL PRODUCTS	335.25	311.96	309.50	44.7	42.1	41.6	7.50	7.41	7.44
PAPER & ALLIED PRODUCTS	535.59	469.26	488.83	51.4	46.6	46.6	10.42	10.07	10.49

Data for the Lynchburg Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst and Campbell) cover approximately 17,200 production workers.

See footnote Table C-1.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS SEP. 1987	AVERAGE WEEKLY EARNINGS AUG. 1987	AVERAGE WEEKLY EARNINGS SEP. 1986	AVERAGE WEEKLY HOURS SEP. 1987	AVERAGE WEEKLY HOURS AUG. 1987	AVERAGE WEEKLY HOURS SEP. 1986	AVERAGE HOURLY EARNINGS SEP. 1987	AVERAGE HOURLY EARNINGS AUG. 1987	AVERAGE HOURLY EARNINGS SEP. 1986
MANUFACTURING	$391.24	$386.31	$397.21	39.4	39.5	41.9	$9.93	$9.78	$9.48
DURABLE GOODS	415.94	408.74	387.96	42.4	42.4	42.4	9.81	9.64	9.15
FABRICATED METAL PRODUCTS	397.75	389.38	395.49	43.0	41.6	43.7	9.25	9.36	9.05
ELECTRIC & ELECTRONIC EQUIPMENT	396.77	391.95	370.31	40.2	40.2	41.1	9.87	9.75	9.01
NONDURABLE GOODS	369.20	364.43	408.46	36.7	36.7	41.3	10.06	9.93	9.89

Data for the Northern Virginia Area (cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, Prince William and Stafford) cover approximately 16,200 production workers.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES
RICHMOND-PETERSBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS SEP. 1987	AVERAGE WEEKLY EARNINGS AUG. 1987	AVERAGE WEEKLY EARNINGS SEP. 1986	AVERAGE WEEKLY HOURS SEP. 1987	AVERAGE WEEKLY HOURS AUG. 1987	AVERAGE WEEKLY HOURS SEP. 1986	AVERAGE HOURLY EARNINGS SEP. 1987	AVERAGE HOURLY EARNINGS AUG. 1987	AVERAGE HOURLY EARNINGS SEP. 1986
MANUFACTURING	$498.62	$481.56	$461.13	42.4	41.3	40.7	$11.76	$11.66	$11.33
DURABLE GOODS	398.98	404.87	379.53	43.7	44.2	42.5	9.13	9.16	8.93
LUMBER AND WOOD PRODUCTS	1/269.22	254.34	260.82	1/44.5	40.5	42.0	1/6.05	6.28	6.21
FURNITURE AND FIXTURES	1/346.53	316.93	301.14	47.6	46.2	42.0	1/7.28	6.86	7.17
FABRICATED METAL PRODUCTS	301.13	421.26	325.98	37.5	47.6	39.9	8.03	8.85	8.17
NONDURABLE GOODS	537.18	511.81	492.43	42.0	40.3	40.1	12.79	12.70	12.28
FOOD & KINDRED PRODUCTS	417.93	381.36	350.28	43.9	40.7	41.7	9.52	9.37	8.40
APPAREL & OTHER TEXTILE PRODUCTS	204.29	220.22	208.87	38.4	38.5	37.1	5.32	5.72	5.63
PAPER & ALLIED PRODUCTS	517.11	502.61	464.40	45.4	44.4	43.0	11.39	11.32	10.80
PRINTING AND PUBLISHING	477.41	481.92	445.91	39.1	40.6	40.5	12.21	11.87	11.01
CHEMICALS & ALLIED PRODUCTS	620.58	559.80	545.20	45.1	40.1	40.0	13.76	13.96	13.63

Data for the Richmond-Petersburg Metropolitan Statistical Area (cities of Colonial Heights, Hopewell, Petersburg, and Richmond and the counties of Charles City, Chesterfield, Dinwiddie, Goochland, Hanover, Henrico, New Kent, Powhatan, and Prince George) cover approximately 43,000 production workers.

[1] 1987 data not comparable to prior years.

See footnote Table C-1.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
ROANOKE VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS SEP. 1987	AVERAGE WEEKLY EARNINGS AUG. 1987	AVERAGE WEEKLY EARNINGS SEP. 1986	AVERAGE WEEKLY HOURS SEP. 1987	AVERAGE WEEKLY HOURS AUG. 1987	AVERAGE WEEKLY HOURS SEP. 1986	AVERAGE HOURLY EARNINGS SEP. 1987	AVERAGE HOURLY EARNINGS AUG. 1987	AVERAGE HOURLY EARNINGS SEP. 1986
MANUFACTURING	$361.47	$356.09	$341.92	41.5	40.1	40.9	$8.71	$8.88	$8.36
DURABLE GOODS	377.94	371.08	356.24	41.9	40.6	40.9	9.02	9.14	8.71
FABRICATED METAL PRODUCTS	1/304.98	320.00	313.74	1/39.2	40.0	41.5	7.78	8.00	7.56
NONDURABLE GOODS	1/337.42	332.81	320.28	1/40.8	39.2	40.8	8.27	8.49	7.85
TEXTILE MILL PRODUCTS	311.75	309.64	236.88	43.0	42.3	37.6	7.25	7.32	6.30

Data for the Roanoke Metropolitan Statistical Area (cities of Roanoke and Salem and the counties of Botetourt and Roanoke) cover approximately 14,400 production workers.

[1] 1987 data not comparable to prior years.

See footnote Table C-1.

CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS
U.S. CITY AVERAGE

ALL ITEMS—(1967 = 100)

Year	Jan.	Feb.	March	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.	Ann. Avg. Change
1979	204.7	207.1	209.1	211.5	214.1	216.6	218.9	221.1	223.4	225.4	227.5	229.9	217.4	11.3%
1980	233.2	236.4	239.8	242.5	244.9	247.6	247.8	249.4	251.7	253.9	256.2	258.4	246.8	13.5
1981	260.5	263.2	265.1	266.8	269.0	271.3	274.4	276.5	279.3	279.9	280.7	281.5	272.4	10.4
1982	282.5	283.4	283.1	284.3	287.1	290.6	292.2	292.8	293.3	294.1	293.6	292.4	289.1	6.1
1983	293.1	293.2	293.4	295.5	297.1	298.1	299.3	300.3	301.8	302.6	303.1	303.5	298.4	3.2
1984	305.2	306.6	307.3	308.8	309.7	310.7	311.7	313.0	314.5	315.3	315.3	315.5	311.1	4.3
1985	316.1	317.4	318.8	320.1	321.3	322.3	322.8	323.5	324.5	325.5	326.6	327.4	322.2	3.6
1986	328.4	327.5	326.0	325.3	326.3	327.9	328.0	328.6	330.2	330.5	330.8	331.1	328.4	1.9
1987	333.1	334.4	335.9	337.7	338.7	340.1	340.8	342.7	344.4					

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours, and earnings are collected by the Virginia Employment Commission in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 7,500 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers, and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production of nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work, but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Reliability of Employment Estimates. The BLS establishment sample covers approximately 44.5 percent of the total employment for the state. Since small sampling and response errors cumulative over several months, there was a 0.1 percent adjustment in benchmark levels for the First Quarter 1986 benchmark.

Labor force and unemployment estimates for the state and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a federal-state cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

This publication is prepared on a monthly schedule by the Economic Information Services Division of the Virginia Employment Commission for use by private and public sector activities. Comments and suggestions regarding content are welcomed and may be addressed to:

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Virginia Employment Commission

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EMPLOYMENT, HOURS AND EARNINGS

IN
VIRGINIA
AND ITS
METROPOLITAN AREAS

NOVEMBER, 1987

Virginia Employment Commission
Economic Information Services Division
Post Office Box 1358
Richmond, Virginia 23211

EMPLOYMENT, HOURS, AND EARNINGS

Volume 37, Number 11

Virginia Employment Commission
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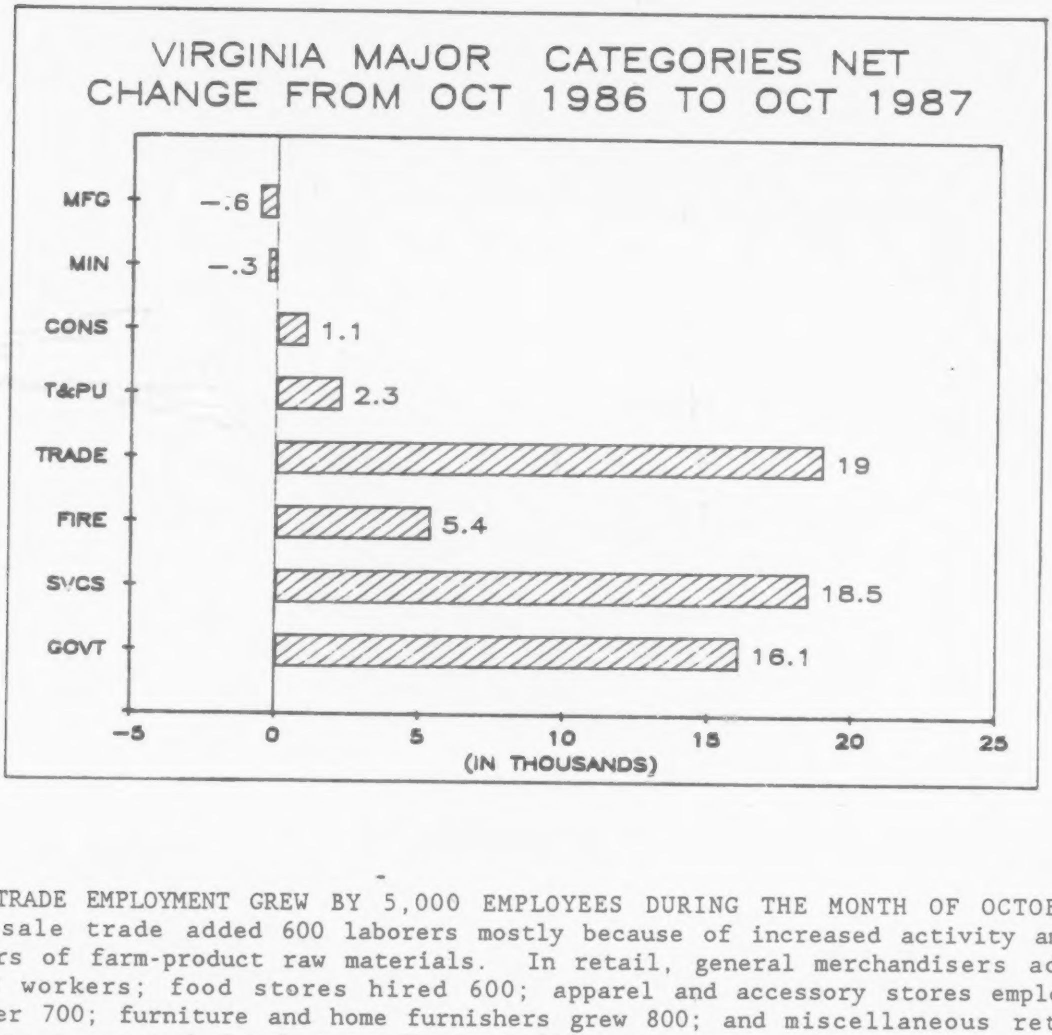
NONAGRICULTURAL EMPLOYMENT FORGED AHEAD 16,300 IN OCTOBER

TOTAL NONAGRICULTURAL EMPLOYMENT MOVED FORWARD 16,300 JOBHOLDERS IN OCTOBER 1987 TO A LEVEL OF 2,669,100. The manufacturing sector dropped 100 workers in October to 427,200 while, at 2,241,900 nonmanufacturing added 16,400 jobs. For manufacturing, increases in durable goods were camouflaged by declines in nondurable goods. Most nonmanufacturing increases were in traditionally seasonal industries. Declines in nonmanufacturing were also mostly the result of seasonal influences.



TRADE EMPLOYMENT GREW BY 5,000 EMPLOYEES DURING THE MONTH OF OCTOBER. Wholesale trade added 600 laborers mostly because of increased activity among traders of farm-product raw materials. In retail, general merchandisers added 2,700 workers; food stores hired 600; apparel and accessory stores employed another 700; furniture and home furnishers grew 800; and miscellaneous retail traders augmented October staffs by 1,800 employees. Automotive dealers and service stations were up 200 workers. Restaurants dropped seasonally by 2,600 people.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

Table A-1.

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS OCT. 1987	EMPLOYMENT IN THOUSANDS SEP. 1987	EMPLOYMENT IN THOUSANDS OCT. 1986	NET CHANGE FROM SEP. 1987	NET CHANGE FROM OCT. 1986
TOTAL NONAGRICULTURAL	2,669.1	2,652.8	2,607.5	16.3	61.6
MANUFACTURING	427.2	427.3	427.8	- .1	- .6
DURABLE GOODS	200.1	200.0	201.8	.1	- 1.7
LUMBER AND WOOD PRODUCTS	24.0	24.1	24.0	- .1	.0
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	8.1	8.2	8.0	- .1	.1
FURNITURE AND FIXTURES	24.7	24.5	25.2	.2	- .5
HOUSEHOLD AND OFFICE FURNITURE	23.0	22.9	23.6	.1	- .6
STONE, CLAY & GLASS PRODUCTS	16.4	16.3	15.8	.1	.6
CONCRETE, GYPSUM AND PLASTER PRODUCTS	7.6	7.6	7.5	.0	.1
PRIMARY METAL INDUSTRIES	11.1	11.3	10.5	- .2	.6
FABRICATED METAL PRODUCTS	17.9	18.0	18.8	- .1	- .9
FABRICATED STRUCTURAL METAL PRODUCTS	10.4	10.6	11.2	- .2	- .8
MACHINERY EXCEPT ELECTRICAL	16.6	16.5	15.5	.1	1.1
ELECTRIC & ELECTRONIC EQUIPMENT	38.1	38.5	40.1	- .4	- 2.0
COMMUNICATION EQUIPMENT	15.0	15.3	16.7	- .3	- 1.7
TRANSPORTATION EQUIPMENT	43.4	43.1	44.4	.3	- 1.0
INSTRUMENTS & RELATED PRODUCTS	4.7	4.7	4.5	.0	.2
MISC. MANUFACTURING INDUSTRIES	3.2	3.1	3.2	.1	.0
NONDURABLE GOODS	227.1	227.4	225.9	- .3	1.2
FOOD & KINDRED PRODUCTS	41.7	41.0	40.9	.7	.8
MEAT PRODUCTS	14.6	14.5	13.8	.1	.8
BEVERAGES	5.5	5.5	5.4	.0	.1
TOBACCO MANUFACTURES	14.0	14.2	14.9	- .2	- .9
TEXTILE MILL PRODUCTS	46.0	46.0	43.6	.0	2.4
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	15.4	15.4	14.6	.0	.8
NARROW FABRIC MILLS	1.1	1.1	1.1	.0	.0
KNITTING MILLS	21.9	21.8	20.2	.1	1.7
MISC. TEXTILE GOODS	1.2	1.2	1.1	.0	.1
APPAREL & OTHER TEXTILE PRODUCTS	29.2	29.3	29.3	- .1	- .1
MENS & BOYS SUITS, COATS AND FURNISHINGS	9.5	9.6	9.6	- .1	- .1
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	15.7	15.8	15.9	- .1	- .2
PAPER & ALLIED PRODUCTS	15.3	15.3	15.5	.0	- .2
PULP, PAPER & PAPERBOARD	8.0	8.0	8.0	.0	.0
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	7.0	7.0	7.1	.0	- .1
PAPERBOARD CONTAINERS AND BOXES	4.2	4.2	4.2	.0	.0
PRINTING AND PUBLISHING	31.9	31.7	31.4	.2	.5
NEWSPAPER AND PERIODICALS	13.5	13.5	13.3	.0	.2
COMMERCIAL PRINTING	12.3	12.2	12.1	.1	.2
CHEMICALS & ALLIED PRODUCTS	33.3	33.3	32.5	.0	.8
PLASTICS MATERIALS AND SYNTHETICS	16.8	16.9	17.3	- .1	- .5
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	15.1	15.2	15.6	- .1	- .5
MISC. PLASTICS PRODUCTS	8.9	9.0	9.4	- .1	- .5
LEATHER & LEATHER PRODUCTS	0.6	1.4	2.2	- .8	- 1.6

(Continued on page 3)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 2)

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS OCT. 1987	SEP. 1987	OCT. 1986	NET CHANGE FROM SEP. 1987	OCT. 1986
NONMANUFACTURING	2,241.9	2,225.5	2,179.7	16.4	62.2
MINING	15.7	15.5	16.0	.2	- .3
BITUMINOUS COAL AND LIGNITE MINING	12.4	12.4	13.1	.0	- .7
CONSTRUCTION	176.4	177.5	175.3	- 1.1	1.1
TRANSPORTATION & PUBLIC UTILITIES	142.2	142.4	139.9	- .2	2.3
RAILROAD TRANSPORTATION	10.6	10.6	11.5	.0	- .9
TRUCKING & WAREHOUSING	33.9	33.6	32.5	.3	1.4
TRANSPORTATION BY AIR	19.7	19.7	19.6	.0	.1
COMMUNICATION	41.6	41.6	40.5	.0	1.1
ELECTRIC, GAS & SANITARY SERVICES	20.9	21.4	20.6	- .5	.3
WHOLESALE & RETAIL TRADE	613.6	608.6	594.6	5.0	19.0
WHOLESALE TRADE	126.0	125.4	124.9	.6	1.1
WHOLESALE TRADE - DURABLE GOODS	79.5	79.2	78.0	.3	1.5
WHOLESALE TRADE - NONDURABLE GOODS	46.6	46.2	46.9	.4	- .3
RETAIL TRADE	487.5	483.2	469.6	4.3	17.9
GENERAL MERCHANDISE STORES	64.1	61.4	62.1	2.7	2.0
DEPARTMENT STORES	49.2	47.4	48.7	1.8	.5
VARIETY STORES	13.2	12.4	11.7	.8	1.5
FOOD STORES	78.4	77.8	76.1	.6	2.3
AUTOMOTIVE DEALERS AND SERVICE STATIONS	56.9	56.7	55.6	.2	1.3
APPAREL & ACCESSORY STORES	25.3	24.6	25.6	.7	- .3
FURNITURE AND HOME FURNISHING STORES	29.1	28.3	26.9	.8	2.2
EATING & DRINKING PLACES	151.6	154.2	144.0	- 2.6	7.6
MISCELLANEOUS RETAIL	62.2	60.4	60.6	1.8	1.6
FINANCE, INSURANCE AND REAL ESTATE	138.4	139.0	133.0	- .6	5.4
BANKING	36.1	36.1	35.4	.0	.7
CREDIT AGENCIES OTHER THAN BANKS	22.6	23.0	21.9	- .4	.7
SECURITY, COMMODITY BROKERS & SERVICES	4.5	4.4	4.0	.1	.5
INSURANCE CARRIERS	23.9	23.6	23.4	.3	.5
REAL ESTATE	33.8	34.3	32.5	- .5	1.3
SERVICES	610.8	612.2	592.3	- 1.4	18.5
HOTELS AND OTHER LODGING PLACES	42.0	43.0	41.1	- 1.0	.9
PERSONAL SERVICES	33.3	32.6	31.5	.7	1.8
BUSINESS SERVICES	162.8	162.1	155.8	.7	7.0
AUTO REPAIR SERVICES & GARAGES	17.1	17.3	16.3	- .2	.8
MISC. REPAIR SERVICES	7.4	7.3	7.1	.1	.3
MOTION PICTURES	3.1	3.2	3.1	- .1	.0
AMUSEMENT AND RECREATION SERVICES	16.2	19.9	15.9	- 3.7	.3
HEALTH SERVICES	138.7	138.1	134.0	.6	4.7
HOSPITALS	71.1	70.8	68.3	.3	2.8
EDUCATIONAL SERVICES	32.1	30.4	31.3	1.7	.8
GOVERNMENT	544.8	530.3	528.7	14.5	16.1
FEDERAL GOVERNMENT	170.1	169.3	166.7	.8	3.4
STATE & LOCAL GOVERNMENT	374.8	360.9	362.0	13.9	12.8
STATE GOVERNMENT	129.5	125.9	126.1	3.6	3.4
LOCAL GOVERNMENT	245.3	235.0	235.8	10.3	9.5

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to first quarter 1986 benchmark levels.

NOTE: Detail may not add to totals because of rounding.

NONAGRICULTURAL EMPLOYMENT FORGED AHEAD 16,300 IN OCTOBER

(Continued from Page 1)

GOVERNMENT EMPLOYMENT INCREASED BY 14,500 WORKERS OVER THE MONTH. State government added 3,600 in October and local government hired 10,300 largely because of increased staffs in education. Federal government increased 800 over the month.

CONSTRUCTION; SERVICES; FINANCE, INSURANCE, AND REAL ESTATE; AND TRANSPORTATION AND PUBLIC UTILITIES ALL POSTED LOSSES IN OCTOBER. Constructors terminated 1,100 laborers during the month because of cooler weather; and, realtors trimmed their summer staffs by 500 to cause most of finance, insurance, and real estates' 600 worker decline. In the services division employment was reduced by 1,400 in October as returning private educators and increases in personal and business services failed to offset seasonal downturns in hotels and other lodging places and amusement and recreation services. Transportation and public utilities receded by 200 in October. Increases by trucking and warehousing did not hide drops by employers in electric, gas, and sanitary services.

THE MANUFACTURING DIVISION TRIMMED STAFFS BY ONLY 100 WORKERS IN OCTOBER. Durable goods producers were up 100 over the month. Varying and offsetting trends permeated the durable goods category. Nondurable goods producers were down only a few hundred during October. Most fluctuations here were also varying and offsetting. Notably, a 700 employee growth in food and kindred products manufacturers was negated by an 800 employee drop at leather and leather product factories.

THE 324,700 PRODUCTION WORKERS ON FACTORY PAYROLLS RECEIVED AN AVERAGE WEEKLY EARNING OF $377.65 IN OCTOBER 1987. This was a decrease of $8.16 over the month and a gain of $17.69 over the year. Average weekly hours increased to 41.5 during the month. The over-the-month decrease was three-tenths of an hour. Average weekly hours were 1.1 hours longer than October 1986. A decline of $.13 over the month put average hourly earnings at $9.10. This was $.19 more than the $8.91 earned in October 1986.

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THE U. S. DEPARTMENT OF LABOR'S BUREAU OF LABOR STATISTICS ALL URBAN CONSUMERS PRICE INDEX (CPI-U) INCREASED 0.3 PERCENT IN OCTOBER 1987 TO A LEVEL OF 345.3 (1967 = 100). For the 12-month period ending in October, the CPI-U increased 4.5 percent. The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) rose 0.3 percent in October. The October 1987 CPI-W level of 340.0 (1967=100) was 4.6 percent higher than the October 1986 index. The CPI for November 1987 will be released December 18, 1987, and may be obtained by calling (804) 786-4490.

Table A-2.

VIRGINIA
EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1977-1986
JANUARY 1984 TO DATE
(IN THOUSANDS)

Year and Month	Total	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance, and Real Estate	Services	Government
Annual Average									
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,115.0	413.8	23.3	138.4	114.2	443.9	104.4	383.5	493.5
1980	2,157.2	413.8	22.7	128.3	115.8	451.2	105.9	408.3	511.2
1981	2,160.8	414.0	21.7	116.3	117.6	460.4	106.1	418.3	506.6
1982	2,146.4	397.2	22.1	103.8	119.0	462.4	106.9	434.8	500.1
1983	2,206.9	403.6	17.4	113.9	120.4	480.2	110.1	460.4	500.9
1984	2,333.3	421.3	18.3	132.8	127.2	516.5	117.1	495.1	505.0
1985	2,454.7	423.4	17.3	152.0	132.0	547.0	122.8	544.7	515.6
1986	2,557.1	424.2	16.4	168.1	137.3	580.2	130.8	579.0	521.0
1984:									
January	2,238.0	411.8	17.9	114.1	122.6	491.5	113.3	464.9	501.9
February	2,243.9	413.7	17.8	114.6	123.2	487.0	113.4	469.1	505.1
March	2,268.3	416.2	18.1	118.3	123.8	494.4	114.5	477.2	505.7
April	2,289.5	416.7	18.5	124.7	125.1	499.2	114.9	482.9	507.6
May	2,320.3	418.2	18.8	130.7	126.5	507.6	116.4	489.7	512.6
June	2,356.1	422.7	19.4	137.3	128.4	512.9	118.6	501.8	514.8
July	2,337.5	420.9	19.7	142.7	128.9	523.5	119.7	507.7	474.4
August	2,355.4	425.6	19.4	144.1	129.3	525.6	120.0	509.9	481.6
September	2,383.3	427.2	19.2	143.2	128.8	526.1	118.8	510.1	509.8
October	2,391.6	427.9	17.5	142.8	129.9	534.3	118.1	509.3	511.6
November	2,401.8	427.2	16.4	141.6	129.3	543.3	118.6	508.5	516.9
December	2,413.7	426.9	16.6	139.9	130.2	552.3	119.2	510.4	518.2
1985:									
January	2,362.8	422.6	17.0	132.5	129.2	522.3	118.1	506.8	514.4
February	2,361.8	422.3	17.1	130.9	128.1	517.4	118.4	511.3	516.3
March	2,392.6	422.9	17.2	139.6	128.8	525.1	119.5	520.7	518.9
April	2,424.2	421.6	17.3	147.3	129.9	528.6	120.0	538.2	521.2
May	2,458.0	421.1	17.5	153.4	131.9	540.3	121.8	547.1	524.9
June	2,488.9	422.3	17.8	158.5	133.1	546.9	124.2	558.0	528.0
July	2,446.7	417.2	17.3	160.7	133.0	549.8	125.3	555.1	488.4
August	2,465.4	425.0	17.5	162.4	133.4	553.2	125.7	560.3	487.9
September	2,494.2	427.6	17.4	159.5	133.6	556.1	124.9	560.4	514.7
October	2,510.4	426.9	17.2	160.0	133.7	565.4	124.9	561.4	521.0
November	2,519.7	426.3	17.0	159.7	134.3	574.1	125.0	557.8	525.4
December	2,532.1	425.6	16.9	159.2	134.7	585.1	125.2	559.0	526.4
1986:									
January	2,469.9	421.2	16.6	150.2	133.4	555.5	124.6	546.6	521.8
February	2,470.2	422.5	16.6	148.8	132.9	556.8	125.0	549.1	524.6
March	2,494.0	422.3	16.7	155.2	133.6	557.5	126.1	557.8	524.7
April	2,528.4	422.8	16.6	164.6	135.0	565.3	128.0	572.3	523.8
May	2,559.3	422.3	16.7	169.3	137.1	575.7	130.1	580.7	527.3
June	2,585.0	423.3	16.8	174.4	134.1	583.2	132.9	590.8	529.4
July	2,565.5	422.2	16.7	178.2	139.8	585.9	134.4	591.7	496.7
August	2,568.5	425.3	16.5	179.3	140.0	586.7	135.4	592.0	493.4
September	2,590.0	427.3	16.3	176.6	139.5	586.1	133.3	593.7	517.3
October	2,607.5	427.8	16.0	175.3	139.9	594.6	133.0	592.3	528.7
November	2,620.2	428.1	15.9	173.9	140.3	605.4	133.8	590.7	532.1
December	2,626.5	425.3	16.0	171.0	141.6	616.1	133.6	590.7	532.2
1987:									
January	2,573.6	423.2	15.9	164.1	139.9	585.8	133.4	584.1	526.9
February	2,568.0	422.7	15.5	161.4	139.8	580.4	133.6	585.7	528.8
March	2,591.3	422.6	15.5	165.7	140.1	586.1	134.5	593.7	533.0
April	2,615.0	422.2	15.5	171.1	141.1	595.0	135.5	600.4	534.3
May	2,631.4	422.0	15.6	173.7	141.1	601.7	137.5	605.0	534.8
June	2,656.6	425.3	15.6	178.2	142.0	609.0	139.3	613.6	533.5
July	2,638.8	424.7	15.6	183.2	142.5	610.7	140.8	611.8	509.5
August	2,634.0	426.1	15.6	182.8	142.7	611.3	140.6	611.1	503.8
September	2,652.8	427.3	15.5	177.5	142.4	608.6	139.0	612.2	530.3
October	2,669.1	427.2	15.7	176.4	142.2	613.6	138.4	610.8	544.8

See footnote Table A-1.

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

Table A-3.

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS OCT. 1987	EMPLOYMENT IN THOUSANDS SEP. 1987	EMPLOYMENT IN THOUSANDS OCT. 1986	NET CHANGE FROM SEP. 1987	NET CHANGE FROM OCT. 1986
TOTAL NONAGRICULTURAL	1,212.9	1,200.6	1,175.6	12.3	37.3
MANUFACTURING	149.1	149.3	150.0	- .2	- .9
DURABLE GOODS	50.8	50.9	51.0	- .1	- .2
LUMBER AND WOOD PRODUCTS	4.5	4.5	4.2	.0	.3
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	2.2	2.2	2.1	.0	.1
FURNITURE AND FIXTURES	8.9	8.9	9.1	.0	- .2
HOUSEHOLD AND OFFICE FURNITURE	8.6	8.5	8.8	.1	- .2
STONE, CLAY & GLASS PRODUCTS	2.3	2.3	2.3	.0	.0
CONCRETE, GYPSUM AND PLASTER PRODUCTS	0.6	0.6	0.6	.0	.0
PRIMARY METAL INDUSTRIES	2.4	2.4	2.4	.0	.0
FABRICATED METAL PRODUCTS	3.7	3.6	3.6	.1	.1
FABRICATED STRUCTURAL METAL PRODUCTS	1.3	1.3	1.2	.0	.1
MACHINERY EXCEPT ELECTRICAL	2.8	2.8	2.6	.0	.2
ELECTRIC & ELECTRONIC EQUIPMENT	16.3	16.3	16.5	.0	- .2
COMMUNICATION EQUIPMENT	7.0	7.0	7.3	.0	- .3
TRANSPORTATION EQUIPMENT	6.4	6.6	6.7	- .2	- .3
INSTRUMENTS & RELATED PRODUCTS	2.3	2.4	2.3	- .1	.0
MISC. MANUFACTURING INDUSTRIES	1.3	1.2	1.2	.1	.1
NONDURABLE GOODS	98.3	98.4	99.0	- .1	- .7
FOOD & KINDRED PRODUCTS	14.9	14.4	14.6	.5	.3
MEAT PRODUCTS	6.0	6.0	5.4	.0	.6
BEVERAGES	0.8	0.8	0.8	.0	.0
TOBACCO MANUFACTURES	4.3	4.3	4.2	.0	.1
TEXTILE MILL PRODUCTS	26.5	26.5	25.6	.0	.9
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	7.1	7.1	6.6	.0	.5
NARROW FABRIC MILLS	0.6	0.7	0.7	- .1	- .1
KNITTING MILLS	15.5	15.5	14.8	.0	.7
MISC. TEXTILE GOODS	0.4	0.4	0.4	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	25.6	25.7	26.5	- .1	- .9
MENS & BOYS SUITS, COATS AND FURNISHINGS	8.6	8.7	9.0	- .1	- .4
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	14.7	14.7	15.1	.0	- .4
PAPER & ALLIED PRODUCTS	2.8	2.8	2.7	.0	.1
PULP, PAPER & PAPERBOARD	0.9	0.9	0.8	.0	.1
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	1.9	1.8	1.8	.1	.1
PAPERBOARD CONTAINERS AND BOXES	0.9	0.9	0.8	.0	.1
PRINTING AND PUBLISHING	11.4	11.3	11.2	.1	.2
NEWSPAPER AND PERIODICALS	5.4	5.3	5.3	.1	.1
COMMERCIAL PRINTING	3.0	3.1	3.1	- .1	- .1
CHEMICALS & ALLIED PRODUCTS	9.3	9.3	9.1	.0	.2
PLASTICS MATERIALS AND SYNTHETICS	4.4	4.4	4.7	.0	- .3
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	3.1	3.1	3.6	.0	- .5
MISC. PLASTICS PRODUCTS	2.2	2.2	2.7	.0	- .5
LEATHER & LEATHER PRODUCTS	0.4	0.9	1.6	- .5	- 1.2

(Continued on page 7)

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 6)

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS OCT. 1987	SEP. 1987	OCT. 1986	NET CHANGE FROM SEP. 1987	OCT. 1986
NONMANUFACTURING	1,063.7	1,051.2	1,025.5	12.5	38.2
MINING	0.7	0.7	0.7	.0	.0
BITUMINOUS COAL AND LIGNITE MINING	0.5	0.5	0.4	.0	.1
CONSTRUCTION	15.3	15.3	14.9	.0	.4
TRANSPORTATION & PUBLIC UTILITIES	45.9	46.0	44.2	-.1	1.7
RAILROAD TRANSPORTATION	1.4	1.4	1.5	.0	-.1
TRUCKING & WAREHOUSING	4.1	4.1	3.9	.0	.2
TRANSPORTATION BY AIR	9.0	8.9	8.7	.1	.3
COMMUNICATION	21.1	21.2	20.6	-.1	.5
ELECTRIC, GAS & SANITARY SERVICES	4.8	4.9	4.3	-.1	.5
WHOLESALE & RETAIL TRADE	281.2	278.4	271.4	2.8	9.8
WHOLESALE TRADE	34.2	34.1	33.6	.1	.6
WHOLESALE TRADE - DURABLE GOODS	20.6	20.6	20.0	.0	.6
WHOLESALE TRADE - NONDURABLE GOODS	13.5	13.5	13.5	.0	.0
RETAIL TRADE	247.0	244.4	237.8	2.6	9.2
GENERAL MERCHANDISE STORES	43.6	41.7	42.2	1.9	1.4
DEPARTMENT STORES	33.8	32.5	33.4	1.3	.4
VARIETY STORES	8.8	8.2	7.8	.6	1.0
FOOD STORES	34.4	34.0	33.3	.4	1.1
AUTOMOTIVE DEALERS AND SERVICE STATIONS	13.2	13.2	12.9	.0	.3
APPAREL & ACCESSORY STORES	18.7	18.2	18.7	.5	.0
FURNITURE AND HOME FURNISHING STORES	11.0	10.7	10.1	.3	.9
EATING & DRINKING PLACES	86.0	87.5	81.6	-1.5	4.4
MISCELLANEOUS RETAIL	35.9	34.9	35.1	1.0	.8
FINANCE, INSURANCE AND REAL ESTATE	85.6	85.9	81.8	-.3	3.8
BANKING	26.9	26.8	26.1	.1	.8
CREDIT AGENCIES OTHER THAN BANKS	16.9	17.3	16.6	-.4	.3
SECURITY, COMMODITY BROKERS & SERVICES	2.1	2.1	1.7	.0	.4
INSURANCE CARRIERS	15.1	15.0	14.9	.1	.2
REAL ESTATE	14.5	14.7	14.0	-.2	.5
SERVICES	345.8	345.6	333.8	.2	12.0
HOTELS AND OTHER LODGING PLACES	23.8	24.4	23.1	-.6	.7
PERSONAL SERVICES	23.0	22.5	21.5	.5	1.5
BUSINESS SERVICES	68.2	67.9	65.3	.3	2.9
AUTO REPAIR SERVICES & GARAGES	3.2	3.2	3.1	.0	.1
MISC. REPAIR SERVICES	1.9	1.9	1.9	.0	.0
MOTION PICTURES	1.4	1.4	1.4	.0	.0
AMUSEMENT AND RECREATION SERVICES	7.3	9.0	6.8	-1.7	.5
HEALTH SERVICES	115.9	115.4	111.5	.5	4.4
HOSPITALS	59.7	59.4	57.1	3	2.6
EDUCATIONAL SERVICES	19.2	18.1	18.7	1.1	.5
GOVERNMENT	289.1	279.2	278.8	9.9	10.3
FEDERAL GOVERNMENT	70.8	70.4	68.8	.4	2.0
STATE & LOCAL GOVERNMENT	218.3	208.8	210.0	9.5	8.3
STATE GOVERNMENT	65.2	63.6	63.9	1.6	1.3
LOCAL GOVERNMENT	153.1	145.2	146.1	7.9	7.0

See footnote Table A-1.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table A-4.

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	OCT. 1987	SEP. 1987	OCT. 1986	SEP. 1987	OCT. 1986
MANUFACTURING	324.7	324.9	322.7	- .2	2.0
DURABLE GOODS	149.6	149.8	150.3	- .2	- .7
LUMBER AND WOOD PRODUCTS	20.5	20.6	20.7	- .1	- .2
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	6.5	6.6	6.6	- .1	- .1
FURNITURE AND FIXTURES	21.2	21.1	21.6	.1	- .4
HOUSEHOLD AND OFFICE FURNITURE	20.1	20.0	20.5	.1	- .4
STONE, CLAY & GLASS PRODUCTS	13.6	13.5	13.0	.1	.6
CONCRETE, GYPSUM AND PLASTER PRODUCTS	6.1	6.1	5.9	.0	.2
PRIMARY METAL INDUSTRIES	7.0	7.2	6.2	- .2	.8
FABRICATED METAL PRODUCTS	12.9	13.0	13.8	- .1	- .9
FABRICATED STRUCTURAL METAL PRODUCTS	6.9	7.1	7.7	- .2	- .8
MACHINERY EXCEPT ELECTRICAL	11.8	11.7	10.6	.1	1.2
ELECTRIC & ELECTRONIC EQUIPMENT	19.6	20.0	21.0	- .4	- 1.4
COMMUNICATION EQUIPMENT	8.6	8.8	9.3	- .2	- .7
TRANSPORTATION EQUIPMENT	37.2	36.8	38.0	.4	- .8
INSTRUMENTS & RELATED PRODUCTS	3.2	3.2	2.7	.0	.5
MISC. MANUFACTURING INDUSTRIES	2.7	2.6	2.6	.1	.1
NONDURABLE GOODS	175.1	175.1	172.4	.0	2.7
FOOD & KINDRED PRODUCTS	30.8	30.1	29.0	.7	1.8
MEAT PRODUCTS	11.9	11.9	11.3	.0	.6
BEVERAGES	2.7	2.6	2.1	.1	.6
TOBACCO MANUFACTURES	8.7	8.8	9.4	- .1	- .7
TEXTILE MILL PRODUCTS	42.0	42.0	39.6	.0	2.4
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	13.5	13.7	13.0	- .2	.5
NARROW FABRIC MILLS	1.0	1.1	1.1	- .1	- .1
KNITTING MILLS	20.5	20.4	18.6	.1	1.9
MISC. TEXTILE GOODS	0.9	1.0	0.9	- .1	.0
APPAREL & OTHER TEXTILE PRODUCTS	26.8	26.9	27.0	- .1	- .2
MENS & BOYS SUITS, COATS AND FURNISHINGS	8.7	8.8	8.7	- .1	.0
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	14.5	14.7	14.9	- .2	- .4
PAPER & ALLIED PRODUCTS	11.8	11.8	12.0	.0	- .2
PULP, PAPER & PAPERBOARD	5.7	5.7	5.7	.0	0
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	6.0	5.9	6.1	.1	- 1
PAPERBOARD CONTAINERS AND BOXES	3.4	3.5	3.5	- .1	- .1
PRINTING AND PUBLISHING	19.0	18.7	18.4	.3	.6
NEWSPAPER AND PERIODICALS	4.6	4.5	4.4	.1	.2
COMMERCIAL PRINTING	10.1	10.0	9.9	.1	.2
CHEMICALS & ALLIED PRODUCTS	23.7	23.6	22.7	.1	1.0
PLASTICS MATERIALS AND SYNTHETICS	12.8	12.9	13.1	- .1	- .3
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	11.8	11.8	12.2	.0	- .4
MISC. PLASTICS PRODUCTS	6.8	6.9	7.2	- .1	- .4
LEATHER & LEATHER PRODUCTS	0.5	1.2	2.0	- .7	- 1.5

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.
BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS OCT. 1987	SEP. 1987	OCT. 1986	NET CHANGE FROM SEP. 1987	OCT. 1986
TOTAL NONAGRICULTURAL	31.6	31.2	30.3	.4	1.3
MANUFACTURING	9.9	9.9	9.3	.0	.6
DURABLE GOODS	5.3	5.3	4.9	.0	.4
FABRICATED METAL PRODUCTS	1.2	1.2	1.5	.0	-.3
MACHINERY & TRANSPORTATION EQUIPMENT	3.0	2.9	2.4	.1	.6
NONDURABLE GOODS	4.6	4.6	4.5	.0	.1
FOOD & KINDRED PRODUCTS	1.5	1.6	1.5	-.1	.0
APPAREL & OTHER TEXTILE PRODUCTS	1.8	1.8	1.9	.0	-.1
PAPER & ALLIED PRODS. & PRINTING & PUBLISHING	0.5	0.5	0.6	.0	.0
NONMANUFACTURING	21.7	21.3	20.9	.4	.8
MINING	0.1	0.1	0.1	0	.0
CONSTRUCTION	0.8	0.8	0.9	.0	-.1
TRANSPORTATION & PUBLIC UTILITIES	1.2	1.2	1.2	.0	.0
WHOLESALE & RETAIL TRADE	8.7	8.7	8.2	.0	.5
WHOLESALE TRADE	1.9	1.9	1.7	.0	.2
RETAIL TRADE	6.9	6.8	6.4	.1	.5
FINANCE, INSURANCE AND REAL ESTATE	0.9	0.9	0.9	.0	.0
SERVICES	4.8	4.7	4.4	.1	.4
GOVERNMENT	5.2	5.0	5.3	.2	-.1
FEDERAL GOVERNMENT	0.4	0.4	0.4	.0	.0
STATE & LOCAL GOVERNMENT	4.8	4.6	4.9	.2	-.1

The Bristol, Virginia Area covers the city of Bristol and the counties of Scott and Washington.

Table A-6.
CHARLOTTESVILLE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS OCT. 1987	SEP. 1987	OCT. 1986	NET CHANGE FROM SEP. 1987	OCT. 1986
TOTAL NONAGRICULTURAL	64.6	63.0	63.8	1.6	.8
MANUFACTURING	8.7	8.7	8.8	.0	-.1
DURABLE GOODS	5.6	5.6	5.7	0	-.1
FURNITURE AND FIXTURES	0.3	0.3	0.3	0	.0
ELECTRIC & ELECTRONIC EQUIPMENT	4.0	4.0	4.1	.0	-1
NONDURABLE GOODS	3.1	3.1	3.0	.0	1
TEXTILE MILL PRODUCTS	0.7	0.7	0.7	.0	.0
PRINTING AND PUBLISHING	0.9	0.9	0.8	0	.1
NONMANUFACTURING	55.9	54.3	55.1	1.6	.8
MINING	0.1	0.1	0.1	.0	0
CONSTRUCTION	3.7	3.8	3.5	-.1	.2
TRANSPORTATION & PUBLIC UTILITIES	2.3	2.3	2.1	.0	.2
WHOLESALE & RETAIL TRADE	12.3	12.1	12.1	.2	.2
WHOLESALE TRADE	1.7	1.7	1.8	.0	-.1
RETAIL TRADE	10.6	10.3	10.4	.3	2
FINANCE, INSURANCE AND REAL ESTATE	3.2	3.2	3.0	.0	2
SERVICES	11.3	11.1	11.1	.2	.2
GOVERNMENT	23.1	21.7	23.2	1.4	-.1
FEDERAL GOVERNMENT	1.2	1.2	1.3	0	-1
STATE & LOCAL GOVERNMENT	21.8	20.5	21.9	1.3	-1

The Charlottesville Metropolitan Statistical Area covers the city of Charlottesville and the counties of Albemarle, Fluvanna, and Greene.

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.
DANVILLE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS OCT. 1987	SEP. 1987	OCT. 1986	NET CHANGE FROM SEP. 1987	OCT. 1986
TOTAL NONAGRICULTURAL	39.8	39.9	39.8	-.1	.0
MANUFACTURING	17.1	17.3	17.0	-.2	.1
DURABLE GOODS	3.2	3.2	3.2	.0	.0
LUMBER AND WOOD PRODUCTS	0.7	0.7	0.8	.0	-.1
MACHINERY EXCEPT ELECTRICAL	0.2	0.2	0.2	.0	.0
FABRICATED METAL PRODUCTS	0.5	0.5	0.4	.0	.1
OTHER DURABLE GOODS	1.8	1.9	1.8	-.1	.0
NONDURABLE GOODS	13.9	14.1	13.8	-.2	1
TOBACCO MANUFACTURES	1.3	1.4	1.4	-.1	-1
TEXTILE MILL PRODUCTS & APPAREL & OTHER TEXTILE PRODUCTS & LEATHER & LEATHER PRODUCTS	9.6	9.7	9.3	-1	.3
APPAREL & OTHER TEXTILE PRODUCTS	0.9	0.9	1.0	.0	-1
NONMANUFACTURING	22.8	22.6	22.8	.2	0
MINING	0.1	0.1	0.1	.0	0
CONSTRUCTION	1.3	1.3	1.4	0	-1
TRANSPORTATION & PUBLIC UTILITIES	1.0	1.0	1.0	.0	0
WHOLESALE & RETAIL TRADE	8.4	8.4	8.2	.0	2
WHOLESALE TRADE	1.2	1.2	1.3	.0	-.1
RETAIL TRADE	7.1	7.1	6.9	.0	.2
FINANCE, INSURANCE AND REAL ESTATE	1.1	1.1	1.1	.0	.0
SERVICES	5.6	5.6	5.8	.0	-.2
GOVERNMENT	5.3	5.2	5.3	1	.0
FEDERAL GOVERNMENT	0.3	0.3	0.3	.0	.0
STATE & LOCAL GOVERNMENT	5.0	4.9	5.0	.1	.0

The Danville Metropolitan Statistical Area covers the city of Danville and the county of Pittsylvania.

NOTE: The category "Other Durable Goods" includes the furniture and fixtures; stone, clay, and glass products; primary metal; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.

Table A-8.
LYNCHBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS OCT. 1987	SEP. 1987	OCT. 1986	NET CHANGE FROM SEP. 1987	OCT. 1986
TOTAL NONAGRICULTURAL	72.1	72.0	71.0	.1	1.1
MANUFACTURING	24.0	24.0	24.1	.0	-.1
DURABLE GOODS	15.5	15.5	15.3	0	2
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	3.1	3.0	3.1	1	0
OTHER DURABLE GOODS	12.5	12.5	12.2	.0	3
NONDURABLE GOODS	8.5	8.6	8.8	-1	-3
FOOD & KINDRED PRODUCTS	1.5	1.5	1.4	0	1
TEXTILE MILL PRODUCTS	1.7	1.7	1.7	.0	.0
PAPER & ALLIED PRODUCTS	1.1	1.1	1.0	.0	1
NONMANUFACTURING	48.1	48.0	46.9	1	1.2
MINING	0.1	0.1	0.1	.0	.0
CONSTRUCTION	3.4	3.4	3.3	.0	.1
TRANSPORTATION & PUBLIC UTILITIES	2.9	2.9	2.9	0	.0
WHOLESALE & RETAIL TRADE	13.6	13.4	13.4	2	2
WHOLESALE TRADE	2.5	2.4	2.4	1	1
RETAIL TRADE	11.1	10.9	11.0	2	1
FINANCE, INSURANCE AND REAL ESTATE	3.4	3.4	3.3	.0	1
SERVICES	14.9	14.9	14.2	.0	.7
GOVERNMENT	9.8	10.0	9.7	-.2	1
FEDERAL GOVERNMENT	0.5	0.5	0.5	.0	.0
STATE & LOCAL GOVERNMENT	9.3	9.4	9.2	-1	.1

The Lynchburg Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst and Campbell.

NOTE: The category "Other Durable Goods" includes the stone, clay, and glass products; primary metal; fabricated metal products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

NORFOLK-VIRGINIA BEACH-NEWPORT NEWS METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS OCT 1987	SEP 1987	OCT 1986	NET CHANGE FROM SEP 1987	OCT 1986
TOTAL NONAGRICULTURAL	550.0	548.2	537.4	1.8	12.6
MANUFACTURING	67.0	66.6	68.9	4	- 1.9
DURABLE GOODS	48.5	48.2	50.0	.3	- 1.5
LUMBER AND WOOD PRODUCTS	2.1	2.1	1.9	0	2
FABRICATED METAL PRODUCTS	1.3	1.4	1.6	- 1	- .3
MACHINERY EXCEPT ELECTRICAL	2.0	2.0	2.0	0	.0
ELECTRIC & ELECTRONIC EQUIPMENT	1.3	1.3	1.7	.0	- .4
TRANSPORTATION EQUIPMENT	35.8	35.4	36.9	4	- 1.1
NONDURABLE GOODS	18.5	18.4	18.8	.1	- 3
FOOD & KINDRED PRODUCTS	7.8	7.7	7.8	.1	0
PRINTING AND PUBLISHING	4.1	4.1	4.3	.0	- 2
CHEMICALS & ALLIED PRODUCTS	2.0	2.0	1.9	0	1
NONMANUFACTURING	483.1	481.7	468.6	1.4	14.5
MINING	0.1	0.1	0.1	0	0
CONSTRUCTION	37.2	37.4	37.8	- 2	- 6
TRANSPORTATION & PUBLIC UTILITIES	25.8	25.9	25.5	- 1	3
RAILROAD TRANSPORTATION	1.7	1.7	2.0	0	- 3
WHOLESALE & RETAIL TRADE	139.6	138.8	132.8	8	6.8
WHOLESALE TRADE	22.6	22.3	21.9	3	7
RETAIL TRADE	117.1	116.6	110.9	5	6.2
FINANCE, INSURANCE AND REAL ESTATE	25.1	25.4	24.6	- 3	5
BANKING	6.3	6.3	6.5	0	- 2
INS CARRIERS, AGENTS, BROKERS, & SERVICES	4.2	4.1	4.3	1	- 1
SERVICES	128.9	129.9	122.3	- 1.0	6.6
PERSONAL SERVICES	8.2	7.9	7.9	3	3
GOVERNMENT	126.3	124.2	125.5	2.1	.8
FEDERAL GOVERNMENT	56.3	55.6	55.2	.7	1.1
STATE & LOCAL GOVERNMENT	70.1	68.6	70.3	1.5	- .2

The Norfolk-Virginia Beach-Newport News Metropolitan Statistical Area covers the cities of Chesapeake, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Suffolk, Virginia Beach, and Williamsburg and the counties of Gloucester, James City, and York.

Table A-10.

NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS OCT. 1987	SEP 1987	OCT. 1986	NET CHANGE FROM SEP 1987	OCT 1986
TOTAL NONAGRICULTURAL	695.4	687.5	668.4	7.9	27.0
MANUFACTURING	34.3	34.5	35.1	- 2	- 8
DURABLE GOODS	19.3	19.5	20.9	- 2	- 1.6
FABRICATED METAL PRODUCTS	1.0	1.0	1.0	0	0
MACHINERY EXCEPT ELECTRICAL	2.2	2.2	2.3	0	- 1
ELECTRIC & ELECTRONIC EQUIPMENT	11.9	12.1	13.4	- 2	- 1.5
NONDURABLE GOODS	15.0	15.0	14.2	0	8
PRINTING AND PUBLISHING	10.2	10.2	9.6	0	6
NONMANUFACTURING	661.0	653.0	633.3	8.0	27.7
MINING	0.4	0.4	0.5	.0	- 1
CONSTRUCTION	48.8	49.3	49.1	- .5	- 3
TRANSPORTATION & PUBLIC UTILITIES	49.4	49.3	46.7	1	2.7
ELECTRIC, GAS & SANITARY SERVICES	4.1	4.2	4.1	- 1	0
WHOLESALE & RETAIL TRADE	160.3	158.5	155.2	1.8	5.1
WHOLESALE TRADE	31.5	31.3	30.1	2	1.4
RETAIL TRADE	128.8	127.2	125.1	1.6	3.7
GENERAL MERCHANDISE STORES	15.3	14.7	15.5	6	- 2
AUTOMOTIVE DEALERS AND SERVICE STATIONS	16.0	16.1	16.1	- 1	- 1
APPAREL & ACCESSORY STORES	9.7	9.3	8.6	.4	1.1
FINANCE, INSURANCE AND REAL ESTATE	44.4	44.1	40.9	.3	3.5
BANKING	7.3	7.2	6.8	1	5
SERVICES	208.2	208.2	202.5	0	5.7
BUSINESS SERVICES	87.7	87.3	85.4	4	2.3
GOVERNMENT	149.5	143.2	138.4	6.3	11.1
FEDERAL GOVERNMENT	74.9	74.7	72.4	2	2.5
STATE & LOCAL GOVERNMENT	74.6	68.5	66.0	6.1	8.6

The Northern Virginia Area covers the cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, Prince William, and Stafford.

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.
RICHMOND-PETERSBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS OCT. 1987	SEP. 1987	OCT. 1986	NET CHANGE FROM SEP. 1987	OCT 1986
TOTAL NONAGRICULTURAL	431.3	429.8	421.3	1.5	10.0
MANUFACTURING	63.5	63.7	62.9	- .2	6
DURABLE GOODS	18.6	18.8	18.5	- 2	1
LUMBER AND WOOD PRODUCTS	2.2	2.2	2.0	0	.2
FURNITURE AND FIXTURES	1.1	1.1	1.0	0	1
STONE, CLAY & GLASS PRODUCTS	1.6	1.7	1.7	- 1	- 1
FABRICATED METAL PRODUCTS	1.8	1.8	1.9	.0	- 1
MACHINERY EXCEPT ELECTRICAL	2.6	2.6	2.5	0	1
OTHER DURABLE GOODS	9.3	9.4	9.4	- .1	- 1
NONDURABLE GOODS	44.9	44.9	44.4	0	.5
FOOD & KINDRED PRODUCTS	4.8	4.8	4.4	0	4
TOBACCO MANUFACTURES	12.5	12.7	12.9	- .2	- 4
APPAREL & OTHER TEXTILE PRODUCTS	2.2	2.0	2.1	.2	1
PAPER & ALLIED PRODUCTS	4.9	4.9	5.0	.0	- 1
PRINTING AND PUBLISHING	7.2	7.2	7.1	0	1
CHEMICALS & ALLIED PRODUCTS	10.9	10.9	10.5	.0	.4
OTHER NONDURABLE GOODS	2.5	2.5	2.4	0	1
NONMANUFACTURING	367.7	366.0	358.5	1.7	9.2
MINING	0.4	0.4	0.4	.0	.0
CONSTRUCTION	26.9	26.9	25.4	0	1.5
TRANSPORTATION & PUBLIC UTILITIES	22.9	23.1	22.1	- .2	8
WHOLESALE & RETAIL TRADE	103.1	101.4	101.1	1.7	2.0
WHOLESALE TRADE	25.5	25.5	25.3	.0	2
RETAIL TRADE	77.6	76.0	75.9	1.6	1.7
GENERAL MERCHANDISE STORES	13.9	13.3	13.0	6	9
FOOD STORES	11.4	10.9	12.0	5	- 6
AUTOMOTIVE DEALERS AND SERVICE STATIONS	8.4	8.3	8.4	.1	.0
FINANCE, INSURANCE AND REAL ESTATE	34.8	34.9	33.5	- .1	1.3
INS CARRIERS, AGENTS, BROKERS, & SERVICES	12.4	12.4	12.4	.0	.0
SERVICES	89.3	90.5	85.6	- 1.2	3.7
HEALTH SERVICES	20.9	20.8	19.9	1	1.0
GOVERNMENT	90.4	88.9	90.4	1.5	.0
FEDERAL GOVERNMENT	16.8	16.7	16.7	1	1
STATE & LOCAL GOVERNMENT	73.6	72.2	73.7	1.4	- 1

The Richmond-Petersburg Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell, Petersburg, and Richmond and the counties of Charles City, Chesterfield, Dinwiddie, Goochland, Hanover, Henrico, New Kent, Powhatan, and Prince George.

NOTE: The category "Other Durable Goods" includes the primary metal; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.

The category "Other Nondurable Goods" includes the textile mill products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.

Table A-12.
ROANOKE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS OCT. 1987	SEP. 1987	OCT. 1986	NET CHANGE FROM SEP 1987	OCT 1986
TOTAL NONAGRICULTURAL	121.7	121.5	119.0	2	2.7
MANUFACTURING	20.7	20.6	20.5	1	.2
DURABLE GOODS	12.2	12.1	12.2	1	.0
FURNITURE AND FIXTURES	1.7	1.7	1.7	.0	.0
FABRICATED METAL PRODUCTS	1.6	1.6	1.6	.0	.0
MACHINERY EXCEPT ELECTRICAL	1.6	1.6	1.6	0	0
NONDURABLE GOODS	8.5	8.5	8.4	0	1
TEXTILE MILL PRODUCTS	1.6	1.6	1.5	0	1
PRINTING AND PUBLISHING	1.0	1.0	1.1	0	- 1
NONMANUFACTURING	101.1	101.0	98.4	1	2.7
MINING	0.1	0.2	0.2	- 1	- 1
CONSTRUCTION	7.5	7.4	7.1	1	4
TRANSPORTATION & PUBLIC UTILITIES	8.7	8.7	9.0	0	- 3
WHOLESALE & RETAIL TRADE	33.0	33.2	32.0	- 2	1.0
WHOLESALE TRADE	9.1	9.1	8.7	0	4
RETAIL TRADE	23.9	24.1	23.2	- 2	7
FINANCE, INSURANCE AND REAL ESTATE	8.5	8.4	8.1	1	4
SERVICES	27.3	27.2	26.3	1	5
GOVERNMENT	15.9	15.9	15.3	0	6
FEDERAL GOVERNMENT	3.5	3.5	3.4	0	1
STATE & LOCAL GOVERNMENT	12.3	12.4	12.0	- 1	3

The Roanoke Metropolitan Statistical Area covers the cities of Roanoke and Salem and the counties of Botetourt and Roanoke.

See footnote Table A-1.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C-1.

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS OCT. 1987	AVERAGE WEEKLY EARNINGS SEP. 1987	AVERAGE WEEKLY EARNINGS OCT. 1986	AVERAGE WEEKLY HOURS OCT. 1987	AVERAGE WEEKLY HOURS SEP. 1987	AVERAGE WEEKLY HOURS OCT. 1986	AVERAGE HOURLY EARNINGS OCT. 1987	AVERAGE HOURLY EARNINGS SEP. 1987	AVERAGE HOURLY EARNINGS OCT. 1986
MANUFACTURING	$377.65	$385.81	$359.96	41.5	41.8	40.4	$9.10	$9.23	$8.91
DURABLE GOODS	391.62	388.94	366.27	42.8	42.6	41.2	9.15	9.13	8.89
LUMBER AND WOOD PRODUCTS	278.64	274.28	249.72	40.5	40.1	38.3	6.88	6.84	6.52
FURNITURE AND FIXTURES	276.94	271.20	230.44	45.7	45.2	39.8	6.06	6.00	5.79
HOUSEHOLD AND OFFICE FURNITURE	273.11	267.86	227.08	45.9	45.4	39.7	5.95	5.90	5.72
STONE, CLAY & GLASS PRODUCTS	365.90	372.38	344.29	43.2	43.1	42.4	8.47	8.64	8.12
PRIMARY METAL INDUSTRIES	465.87	449.00	468.40	44.2	42.6	45.3	10.54	10.54	10.34
FABRICATED METAL PRODUCTS	413.56	411.31	388.41	42.9	42.8	41.9	9.64	9.61	9.27
FABRICATED STRUCTURAL METAL PRODUCTS	362.08	377.94	352.84	42.2	44.1	43.4	8.58	8.57	8.13
MACHINERY EXCEPT ELECTRICAL	408.67	403.49	372.78	43.2	43.2	40.3	9.46	9.34	9.25
ELECTRIC & ELECTRONIC EQUIPMENT	366.43	377.51	376.18	40.4	40.9	40.8	9.07	9.23	9.22
COMMUNICATION EQUIPMENT	398.55	419.89	386.37	41.3	42.2	41.5	9.65	9.95	9.31
INSTRUMENTS & RELATED PRODUCTS	1/332.27	327.85	265.51	1/ 41.9	41.5	41.1	1/7.93	7.90	6.46
MISC. MANUFACTURING INDUSTRIES	283.84	275.94	301.84	37.2	36.5	40.9	7.63	7.56	7.38
NONDURABLE GOODS	365.62	383.46	354.12	40.4	41.1	39.7	9.05	9.33	8.92
FOOD & KINDRED PRODUCTS	362.34	375.24	328.86	41.6	42.4	40.6	8.71	8.85	8.10
TEXTILE MILL PRODUCTS	289.51	295.20	278.00	41.3	41.0	39.1	7.01	7.20	7.11
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	329.08	332.88	310.68	43.3	43.4	42.5	7.60	7.67	7.31
KNITTING MILLS	266.00	280.38	254.90	40.0	40.4	35.7	6.65	6.94	7.14
MISC. TEXTILE GOODS	329.81	279.17	288.52	43.0	38.4	41.1	7.67	7.27	7.02
APPAREL & OTHER TEXTILE PRODUCTS	199.06	204.78	200.14	37.0	37.3	37.2	5.38	5.49	5.38
MENS & BOYS SUITS, COATS AND FURNISHINGS	181.53	216.35	212.07	32.3	36.3	36.5	5.62	5.96	5.81
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	201.56	193.67	186.00	39.6	37.9	37.5	5.09	5.11	4.96
PAPER & ALLIED PRODUCTS	504.58	545.85	492.20	43.8	45.0	43.1	11.52	12.13	11.42
PULP, PAPER & PAPERBOARD	619.82	684.79	610.84	44.4	47.0	44.2	13.96	14.57	13.82
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	399.77	415.15	386.13	43.5	43.2	42.2	9.19	9.61	9.15
PRINTING AND PUBLISHING	430.45	443.20	424.36	39.6	40.0	40.3	10.87	11.08	10.53
NEWSPAPER AND PERIODICALS	353.89	378.40	337.66	38.3	38.3	35.1	9.24	9.88	9.62
CHEMICALS & ALLIED PRODUCTS	466.62	510.08	463.30	40.4	42.9	39.7	11.55	11.89	11.67
PLASTICS MATERIALS AND SYNTHETICS	478.53	519.16	478.76	40.9	41.8	39.6	11.70	12.42	12.09
LEATHER & LEATHER PRODUCTS	180.54	168.63	165.84	36.4	33.0	37.1	4.96	5.11	4.47

[1] 1987 data not comparable to prior years.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	OCT. 1987	SEP. 1987	OCT. 1986	OCT. 1987	SEP. 1987	OCT. 1986	OCT. 1987	SEP. 1987	OCT. 1986
MANUFACTURING	$328.18	$319.84	$292.47	42.4	41.7	39.1	$7.74	$7.67	$7.48
DURABLE GOODS	380.98	372.82	347.45	43.0	43.2	39.8	8.86	8.63	8.73
FABRICATED METAL PRODUCTS	536.46	492.33	442.39	43.9	42.7	41.0	12.22	11.53	10.79
MACHINERY & TRANSPORTATION EQUIPMENT	337.90	341.33	295.29	43.1	44.1	38.3	7.84	7.74	7.71
NONDURABLE GOODS	261.66	253.92	231.17	41.6	39.8	38.4	6.29	6.38	6.02
FOOD & KINDRED PRODUCTS	257.25	255.30	247.21	37.5	37.0	37.4	6.86	6.90	6.61
APPAREL & OTHER TEXTILE PRODUCTS	250.54	234.09	211.23	43.8	40.5	38.9	5.72	5.78	5.43

Data for the Bristol, Virginia Area (city of Bristol and the counties of Scott and Washington) cover approximately 7,200 production workers.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
CHARLOTTESVILLE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	OCT. 1987	SEP. 1987	OCT. 1986	OCT. 1987	SEP. 1987	OCT. 1986	OCT. 1987	SEP. 1987	OCT. 1986
MANUFACTURING	$323.04	$312.00	$306.36	42.9	41.6	41.4	$7.53	$7.50	$7.40
DURABLE GOODS	322.83	314.93	312.98	42.2	40.9	40.7	7.65	7.70	7.69
ELECTRIC & ELECTRONIC EQUIPMENT	321.14	321.08	317.58	39.5	39.3	39.5	8.13	8.17	8.04
NONDURABLE GOODS	322.96	307.01	293.94	44.0	42.7	42.6	7.34	7.19	6.90
PRINTING AND PUBLISHING	353.20	319.93	277.77	41.7	39.4	36.5	8.47	8.12	7.61

Data for the Charlottesville Metropolitan Statistical Area (city of Charlottesville and the counties of Albemarle, Fluvanna, and Greene) cover approximately 5,900 production workers.

See footnote Table C-1.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES

DANVILLE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	OCT. 1987	SEP. 1987	OCT. 1986	OCT. 1987	SEP. 1987	OCT. 1986	OCT. 1987	SEP. 1987	OCT. 1986
MANUFACTURING	$351.92	$379.26	$344.01	41.5	44.1	41.1	$8.48	$8.60	$8.37
DURABLE GOODS	337.43	336.61	318.89	40.9	40.9	38.7	8.25	8.23	8.24
FABRICATED METAL PRODUCTS	226.74	226.74	267.15	41.3	41.3	44.6	5.49	5.49	5.99
NONDURABLE GOODS	355.70	388.86	350.28	41.7	44.8	41.7	8.53	8.68	8.40
APPAREL & OTHER TEXTILE PRODUCTS	243.90	266.06	247.75	34.4	37.9	37.2	7.09	7.02	6.66

Data for the Danville Metropolitan Statistical Area (city of Danville and the county of Pittsylvania) cover approximately 14,200 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES

LYNCHBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	OCT. 1987	SEP. 1987	OCT. 1986	OCT. 1987	SEP. 1987	OCT. 1986	OCT. 1987	SEP. 1987	OCT. 1986
MANUFACTURING	$358.94	$367.20	$343.13	41.4	42.5	40.8	$8.67	$8.64	$8.41
DURABLE GOODS	365.20	359.42	357.79	41.5	41.6	41.7	8.80	8.64	8.58
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	239.54	228.40	220.20	41.3	40.0	38.7	5.80	5.71	5.69
NONDURABLE GOODS	348.14	378.43	321.95	41.2	43.8	39.6	8.45	8.64	8.13
FOOD & KINDRED PRODUCTS	372.47	403.38	341.55	44.5	46.1	41.4	8.37	8.75	8.25
TEXTILE MILL PRODUCTS	290.21	335.25	275.50	39.7	44.7	38.0	7.31	7.50	7.25
PAPER & ALLIED PRODUCTS	479.39	535.59	483.71	47.7	51.4	46.6	10.05	10.42	10.38

Data for the Lynchburg Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst and Campbell) cover approximately 17,100 production workers.

See footnote Table C-1.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS OCT. 1987	SEP. 1987	OCT. 1986	AVERAGE WEEKLY HOURS OCT. 1987	SEP. 1987	OCT. 1986	AVERAGE HOURLY EARNINGS OCT. 1987	SEP. 1987	OCT. 1986
MANUFACTURING	$411.06	$393.42	$392.18	40.3	39.5	41.5	$10.20	$9.96	$9.45
DURABLE GOODS	437.04	415.39	383.88	43.4	42.3	42.0	10.07	9.82	9.14
FABRICATED METAL PRODUCTS	387.92	395.41	396.36	41.4	42.2	43.7	9.37	9.37	9.07
ELECTRIC & ELECTRONIC EQUIPMENT	413.24	395.20	382.39	41.2	40.0	41.7	10.03	9.88	9.17
NONDURABLE GOODS	387.38	373.43	400.82	37.5	36.9	40.9	10.33	10.12	9.80

Data for the Northern Virginia Area (cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, Prince William and Stafford) cover approximately 16,100 production workers.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES
RICHMOND-PETERSBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS OCT. 1987	SEP. 1987	OCT. 1986	AVERAGE WEEKLY HOURS OCT. 1987	SEP. 1987	OCT. 1986	AVERAGE HOURLY EARNINGS OCT. 1987	SEP. 1987	OCT. 1986
MANUFACTURING	$490.23	$513.25	$463.08	41.9	42.7	40.8	$11.70	$12.02	$11.35
DURABLE GOODS	393.27	398.11	360.96	43.6	43.7	41.3	9.02	9.11	8.74
LUMBER AND WOOD PRODUCTS	1/259.55	260.29	267.65	1/ 42.9	42.6	43.1	1/6.05	6.11	6.21
FURNITURE AND FIXTURES	1/355.51	346.53	155.78	48.7	47.6	28.3	1/7.30	7.28	5.54
FABRICATED METAL PRODUCTS	315.25	306.18	316.81	37.8	37.8	39.7	8.34	8.10	7.98
NONDURABLE GOODS	525.75	555.82	500.60	41.3	42.3	40.6	12.73	13.14	12.33
FOOD & KINDRED PRODUCTS	393.43	421.67	360.09	39.7	44.2	41.2	9.91	9.54	8.74
APPAREL & OTHER TEXTILE PRODUCTS	224.65	206.21	213.38	38.6	38.4	37.7	5.82	5.37	5.66
PAPER & ALLIED PRODUCTS	505.76	518.25	479.81	45.4	45.5	44.1	11.14	11.39	10.88
PRINTING AND PUBLISHING	460.98	483.21	464.51	39.4	40.1	41.4	11.70	12.05	11.22
CHEMICALS & ALLIED PRODUCTS	586.81	598.83	569.11	41.5	42.5	41.3	14.14	14.09	13.78

Data for the Richmond-Petersburg Metropolitan Statistical Area (cities of Colonial Heights, Hopewell, Petersburg, and Richmond and the counties of Charles City, Chesterfield, Dinwiddie, Goochland, Hanover, Henrico, New Kent, Powhatan, and Prince George) cover approximately 42,700 production workers.

[1] 1987 data not comparable to prior years.

See footnote Table C-1.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
ROANOKE VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	OCT. 1987	SEP. 1987	OCT. 1986	OCT. 1987	SEP. 1987	OCT. 1986	OCT. 1987	SEP. 1987	OCT. 1986
MANUFACTURING	$365.29	$386.10	$339.89	41.7	42.9	41.4	$8.76	$9.00	$8.21
DURABLE GOODS	386.10	419.52	359.48	42.9	44.3	41.8	9.00	9.47	8.60
FABRICATED METAL PRODUCTS	1/325.19	304.98	314.39	1/ 39.9	39.2	42.2	8.15	7.78	7.45
NONDURABLE GOODS	1/336.40	338.24	310.13	1/ 40.0	40.9	40.7	8.41	8.27	7.62
TEXTILE MILL PRODUCTS	288.27	311.75	266.24	41.3	43.0	40.4	6.98	7.25	6.59

Data for the Roanoke Metropolitan Statistical Area (cities of Roanoke and Salem and the counties of Botetourt and Roanoke) cover approximately 14,600 production workers.

[1] 1987 data not comparable to prior years.

See footnote Table C-1.

CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS
U.S. CITY AVERAGE

ALL ITEMS—(1967 = 100)

Year	Jan.	Feb.	March	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.	Ann. Avg. Change
1979	204.7	207.1	209.1	211.5	214.1	216.6	218.9	221.1	223.4	225.4	227.5	229.9	217.4	11.38
1980	233.2	236.4	239.8	242.5	244.9	247.6	247.8	249.4	251.7	253.9	256.2	258.4	246.8	13.5
1981	260.5	263.2	265.1	266.8	269.0	271.3	274.4	276.5	279.3	279.9	280.7	281.5	272.4	10.4
1982	282.5	283.4	283.1	284.3	287.1	290.6	292.2	292.8	293.3	294.1	293.6	292.4	289.1	6.1
1983	293.1	293.2	293.4	295.5	297.1	298.1	299.3	300.3	301.8	302.6	303.1	303.5	298.4	3.2
1984	305.2	306.6	307.3	308.8	309.7	310.7	311.7	313.0	314.5	315.3	315.3	315.5	311.1	4.3
1985	316.1	317.4	318.8	320.1	321.3	322.3	322.8	323.5	324.5	325.5	326.6	327.4	322.2	3.6
1986	328.4	327.5	326.0	325.3	326.3	327.9	328.0	328.6	330.2	330.5	330.8	331.1	328.4	1.9
1987	333.1	334.4	335.9	337.7	338.7	340.1	340.8	342.7	344.4	345.3				

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours, and earnings are collected by the Virginia Employment Commission in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 7,500 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers, and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production of nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work, but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Reliability of Employment Estimates. The BLS establishment sample covers approximately 44.5 percent of the total employment for the state. Since small sampling and response errors cumulative over several months, there was a 0.1 percent adjustment in benchmark levels for the First Quarter 1986 benchmark.

Labor force and unemployment estimates for the state and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a federal-state cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

This publication is prepared on a monthly schedule by the Economic Information Services Division of the Virginia Employment Commission for use by private and public sector activities. Comments and suggestions regarding content are welcomed and may be addressed to:

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EMPLOYMENT, HOURS AND EARNINGS

IN
VIRGINIA
AND ITS
METROPOLITAN AREAS

DECEMBER, 1987

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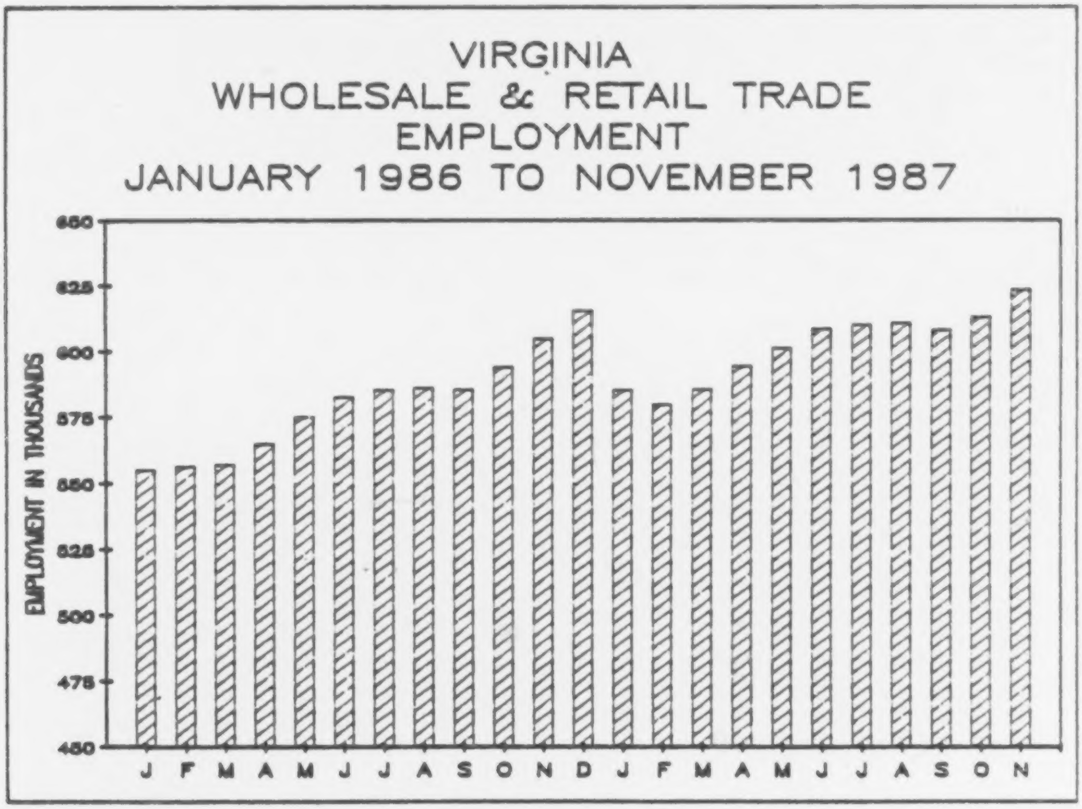
NONAGRICULTURAL EMPLOYMENT SETS NEW RECORD IN NOVEMBER 1987

TOTAL NONAGRICULTURAL EMPLOYMENT INCREASED 15,000 TO SET A NEW RECORD DURING NOVEMBER, 1987--2,681,900 ON PAYROLLS STATEWIDE. This represents an increase of 61,700 new hires since November 1986. Two divisions, wholesale and retail trade and government also reached new highs this period. Seasonal aspects of those industries were primarily responsible for the overall upswing.

NONMANUFACTURING EMPLOYMENT SURGED UPWARD WITH A MONTHLY GAIN OF 14,800 TO REACH A LEVEL OF 2,254,700 EMPLOYEES. Over the year a rise of 62,700 was reported. Services, government, and wholesale and retail trade were major contributors to the yearly expansion. Wholesale and retail trade was the big winner during November. In preparation for the holiday buying season, trade boosted its workforce by 10,400 people. An all-time high of 624,000 was reached in this division for the month. A total of 18,600 has been added since last year. Most all sectors shared in the trend.


VIRGINIA
WHOLESALE & RETAIL TRADE
EMPLOYMENT
JANUARY 1986 TO NOVEMBER 1987

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

Table A-1.

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS NOV. 1987	EMPLOYMENT IN THOUSANDS OCT. 1987	EMPLOYMENT IN THOUSANDS NOV. 1986	NET CHANGE FROM OCT. 1987	NET CHANGE FROM NOV. 1986
TOTAL NONAGRICULTURAL	2,681.9	2,666.9	2,620.2	15.0	61.7
MANUFACTURING	427.2	427.0	428.1	.2	- .9
DURABLE GOODS	200.2	200.0	202.1	.2	- 1.9
LUMBER AND WOOD PRODUCTS	23.7	23.9	24.0	- .2	- .3
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	8.0	8.1	8.0	- .1	.0
FURNITURE AND FIXTURES	24.8	24.7	25.2	.1	- .4
HOUSEHOLD AND OFFICE FURNITURE	23.1	23.0	23.6	.1	- .5
STONE, CLAY & GLASS PRODUCTS	16.2	16.3	15.8	- .1	.4
CONCRETE, GYPSUM AND PLASTER PRODUCTS	7.5	7.6	7.5	- .1	.0
PRIMARY METAL INDUSTRIES	11.2	11.1	10.5	.1	.7
FABRICATED METAL PRODUCTS	18.0	17.9	18.7	.1	- .7
FABRICATED STRUCTURAL METAL PRODUCTS	10.4	10.4	11.1	.0	- .7
MACHINERY EXCEPT ELECTRICAL	16.7	16.5	15.5	.2	1.2
ELECTRIC & ELECTRONIC EQUIPMENT	38.1	38.1	40.3	.0	- 2.2
COMMUNICATION EQUIPMENT	15.0	15.1	16.7	- .1	- 1.7
TRANSPORTATION EQUIPMENT	43.8	43.5	44.7	.3	- .9
INSTRUMENTS & RELATED PRODUCTS	4.7	4.7	4.5	.0	.2
MISC. MANUFACTURING INDUSTRIES	3.2	3.2	3.1	.0	.1
NONDURABLE GOODS	227.1	227.1	226.0	.0	1.1
FOOD & KINDRED PRODUCTS	41.9	41.7	41.1	.2	.8
MEAT PRODUCTS	14.8	14.7	13.9	.1	.9
BEVERAGES	5.6	5.5	5.5	.1	.1
TOBACCO MANUFACTURES	13.7	14.0	14.5	- .3	- .8
TEXTILE MILL PRODUCTS	46.1	46.0	44.0	.1	2.1
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	15.4	15.4	14.7	.0	.7
NARROW FABRIC MILLS	1.1	1.1	1.2	.0	- .1
KNITTING MILLS	22.0	21.9	20.5	.1	1.5
MISC. TEXTILE GOODS	1.2	1.2	1.1	.0	.1
APPAREL & OTHER TEXTILE PRODUCTS	29.1	29.2	29.2	- .1	- .1
MENS & BOYS SUITS, COATS AND FURNISHINGS	9.4	9.5	9.6	- .1	- .2
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	15.7	15.6	15.7	.1	.0
PAPER & ALLIED PRODUCTS	15.3	15.3	15.6	.0	- .3
PULP, PAPER & PAPERBOARD	8.0	8.0	8.0	.0	.0
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	7.0	7.0	7.2	.0	- .2
PAPERBOARD CONTAINERS AND BOXES	4.1	4.2	4.2	- .1	- .1
PRINTING AND PUBLISHING	32.0	31.9	31.2	.1	.8
NEWSPAPER AND PERIODICALS	13.6	13.5	13.2	.1	.4
COMMERCIAL PRINTING	12.3	12.3	12.0	.0	.3
CHEMICALS & ALLIED PRODUCTS	33.5	33.3	32.5	.2	1.0
PLASTICS MATERIALS AND SYNTHETICS	16.9	16.9	17.3	.0	- .4
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	15.1	15.1	15.7	.0	- .6
MISC. PLASTICS PRODUCTS	8.9	8.9	9.5	.0	- .6
LEATHER & LEATHER PRODUCTS	0.4	0.6	2.2	- .2	- 1.8

(Continued on page 3)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 2)

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS NOV. 1987	OCT. 1987	NOV. 1986	NET CHANGE FROM OCT. 1987	NOV. 1986
NONMANUFACTURING	2,254.7	2,239.9	2,192.0	14.8	62.7
MINING	15.8	15.7	15.9	.1	-.1
BITUMINOUS COAL AND LIGNITE MINING	12.5	12.4	13.1	.1	-.6
CONSTRUCTION	175.1	176.5	173.9	-1.4	1.2
TRANSPORTATION & PUBLIC UTILITIES	142.7	142.1	140.3	.6	2.4
RAILROAD TRANSPORTATION	10.6	10.6	11.3	.0	-.7
TRUCKING & WAREHOUSING	34.2	34.0	32.9	.2	1.3
TRANSPORTATION BY AIR	19.6	19.6	19.7	.0	-.1
COMMUNICATION	41.6	41.6	40.6	.0	1.0
ELECTRIC, GAS & SANITARY SERVICES	21.1	20.9	20.5	.2	.6
WHOLESALE & RETAIL TRADE	624.0	613.6	605.4	10.4	18.6
WHOLESALE TRADE	126.2	126.2	125.0	.0	1.2
WHOLESALE TRADE - DURABLE GOODS	79.8	79.6	78.3	.2	1.5
WHOLESALE TRADE - NONDURABLE GOODS	46.4	46.6	46.8	-.2	-.4
RETAIL TRADE	497.8	487.5	480.3	10.3	17.5
GENERAL MERCHANDISE STORES	68.8	64.0	67.4	4.8	1.4
DEPARTMENT STORES	52.6	49.1	52.7	3.5	-.1
VARIETY STORES	14.3	13.2	13.0	1.1	1.3
FOOD STORES	79.8	78.5	77.6	1.3	2.2
AUTOMOTIVE DEALERS AND SERVICE STATIONS	56.6	56.9	55.8	-.3	.8
APPAREL & ACCESSORY STORES	25.9	25.3	26.5	.6	-.6
FURNITURE AND HOME FURNISHING STORES	29.7	29.1	27.4	.6	2.3
EATING & DRINKING PLACES	152.7	151.6	144.7	1.1	8.0
MISCELLANEOUS RETAIL	64.5	62.2	62.3	2.3	2.2
FINANCE, INSURANCE AND REAL ESTATE	139.1	138.5	133.8	.6	5.3
BANKING	36.2	36.1	35.7	.1	.5
CREDIT AGENCIES OTHER THAN BANKS	22.2	22.5	22.0	-.3	.2
SECURITY, COMMODITY BROKERS & SERVICES	4.5	4.5	4.0	.0	.5
INSURANCE CARRIERS	24.2	23.8	23.5	.4	.7
REAL ESTATE	34.3	33.9	32.6	.4	1.7
SERVICES	608.4	609.5	590.7	-1.1	17.7
HOTELS AND OTHER LODGING PLACES	40.9	42.1	40.3	-1.2	.6
PERSONAL SERVICES	33.6	33.5	31.8	.1	1.8
BUSINESS SERVICES	163.6	162.9	156.2	.7	7.4
AUTO REPAIR SERVICES & GARAGES	17.0	17.1	16.3	-.1	.7
MISC. REPAIR SERVICES	7.3	7.3	7.2	.0	.1
MOTION PICTURES	3.2	3.1	3.0	.1	.2
AMUSEMENT AND RECREATION SERVICES	14.0	15.2	13.4	-1.2	.6
HEALTH SERVICES	138.8	138.7	134.5	.1	4.3
HOSPITALS	71.2	71.0	68.7	.2	2.5
EDUCATIONAL SERVICES	31.9	31.8	31.4	.1	.5
GOVERNMENT	549.5	543.9	532.1	5.6	17.4
FEDERAL GOVERNMENT	171.1	170.2	166.9	.9	4.2
STATE & LOCAL GOVERNMENT	378.4	373.7	365.1	4.7	13.3
STATE GOVERNMENT	130.5	129.5	126.6	1.0	3.9
LOCAL GOVERNMENT	247.8	244.2	238.6	3.6	9.2

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to first quarter 1986 benchmark levels.

NOTE: Detail may not add to totals because of rounding.

NONAGRICULTURAL EMPLOYMENT SETS
NEW RECORD IN NOVEMBER 1987
(Continued from page 1)

GOVERNMENT ESCALATED ITS STAFFS BY 5,600 TO REACH A NEW HEIGHT OF 549,500 WAGE EARNERS. Most of the spurt was in state and local government due to increased hiring at educational facilities. Federal employment was also in the plus column. Employment in the government division climbed 17,400 over year-ago figures. Local government had the largest increase but all areas had significant improvements.

FINANCE, INSURANCE, AND REAL ESTATE AND TRANSPORTATION AND PUBLIC UTILITIES BOTH EDGED UPWARD THIS MONTH. Each division added 600 additional workers. Finance, insurance, and real estate had a total of 139,100 on its payrolls. The insurance carriers and real estate sectors both added 400 but credit agencies other than banks dropped 300. A rise of 200 in trucking and electric gas and sanitary services contributed to the 142,700 people on staff in the transportation and public utilities area. Mining also had a slight increase during November.

CONSTRUCTION AND SERVICES DISPLAYED REDUCED EMPLOYMENT LEVELS DUE TO SEASONAL CHARACTERISTICS OF THESE INDUSTRIES. A drop of 1,400 left 175,100 in the construction division. Diminished activity in hotels and other lodging places and amusement and recreation services was the major factor in the loss of 1,100 in the services area. Offsetting trends kept the overall total at 608,400.

THE MANUFACTURING DIVISION AUGMENTED ITS STAFF BY 200 IN NOVEMBER--427,200 WORKERS REPORTED. The durable goods segment was responsible for all the gain. Significant contributors were transportation equipment and machinery except electrical. Offsetting trends caused nondurable goods to stay the same.

THE 324,700 PRODUCTION WORKERS ON FACTORY PAYROLLS RECEIVED AN AVERAGE WEEKLY EARNING OF $377.39 IN NOVEMBER 1987. This was a decrease of $2.00 over the month and a gain of $12.15 over the year. Average weekly hours decreased to 41.2 during the month. The over-the-month decrease was four-tenths of an hour. Average weekly hours were three-tenths of an hour longer than November 1986. An increase of $.04 put average hourly earnings at $9.16. This was $.23 more than the $8.93 earned in November 1986.

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THE U. S. DEPARTMENT OF LABOR'S BUREAU OF LABOR STATISTICS ALL URBAN CONSUMERS PRICE INDEX (CPI-U) INCREASED 0.1 PERCENT IN NOVEMBER 1987 TO A LEVEL OF 345.8 (1967=100). For the 12-month period ending in November, the CPI-U increased 4.5 percent. The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) rose 0.1 percent in November. The November 1987 CPI-W level of 340.4 (1967=100) was 4.6 percent higher than the November 1986 index. The CPI for December 1987 will be released January 20, 1988, and may be obtained by calling (804) 786-4490.

Table A-2.

VIRGINIA
EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1977-1986
JANUARY 1984 TO DATE
(IN THOUSANDS)

Year and Month	Total	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance, and Real Estate	Services	Government
Annual Average									
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,115.0	413.8	23.3	138.4	114.2	443.9	104.4	383.5	493.5
1980	2,157.2	413.8	22.7	128.3	115.8	451.2	105.9	408.3	511.2
1981	2,160.8	414.0	21.7	116.3	117.6	460.4	106.1	418.3	506.6
1982	2,146.4	397.2	22.1	103.8	119.0	462.4	106.9	434.8	500.1
1983	2,206.9	403.6	17.4	113.9	120.4	480.2	110.1	460.4	500.9
1984	2,333.3	421.3	18.3	132.8	127.2	516.5	117.1	495.1	505.0
1985	2,454.7	423.4	17.3	152.0	132.0	547.0	122.8	544.7	515.6
1986	2,557.1	424.2	16.4	168.1	137.3	580.2	130.8	579.0	521.0
1984:									
January	2,238.0	411.8	17.9	114.1	122.6	491.5	113.3	464.9	501.9
February	2,243.9	413.7	17.8	114.6	123.2	487.0	113.4	469.1	505.1
March	2,268.3	416.2	18.1	118.3	123.8	494.4	114.5	477.2	505.7
April	2,289.5	416.7	18.5	124.7	125.1	499.2	114.9	482.9	507.6
May	2,320.3	418.2	18.8	130.7	126.5	507.6	116.4	489.7	512.6
June	2,356.1	422.7	19.4	137.3	128.4	512.9	118.6	501.8	514.8
July	2,337.5	420.9	19.7	142.7	128.9	523.5	119.7	507.7	474.4
August	2,355.4	425.6	19.4	144.1	129.3	525.6	120.0	509.9	481.6
September	2,383.3	427.2	19.2	143.2	128.8	526.1	118.8	510.1	509.8
October	2,391.6	427.9	17.5	142.8	129.9	534.3	118.1	509.3	511.6
November	2,401.8	427.2	16.4	141.6	129.3	543.3	118.6	508.5	516.9
December	2,413.7	426.9	16.6	139.9	130.2	552.3	119.2	510.4	518.2
1985:									
January	2,362.8	422.6	17.0	132.5	129.2	522.3	118.1	506.8	514.4
February	2,361.8	422.3	17.1	130.9	128.1	517.4	118.4	511.3	516.3
March	2,392.6	422.9	17.2	139.6	128.8	525.1	119.5	520.7	518.9
April	2,424.2	421.6	17.3	147.3	129.9	528.6	120.0	538.2	521.2
May	2,458.0	421.1	17.5	153.4	131.9	540.3	121.8	547.1	524.9
June	2,488.9	422.3	17.8	158.5	133.1	546.9	124.2	558.0	528.0
July	2,446.7	417.2	17.3	160.7	133.0	549.8	125.3	555.1	488.4
August	2,465.4	425.0	17.5	162.4	133.4	553.2	125.7	560.3	487.9
September	2,494.2	427.6	17.4	159.5	133.6	556.1	124.9	560.4	514.7
October	2,510.4	426.9	17.2	160.0	133.7	565.4	124.9	561.4	521.0
November	2,519.7	426.3	17.0	159.7	134.3	574.1	125.0	557.8	525.4
December	2,532.1	425.6	16.9	159.2	134.7	585.1	125.2	559.0	526.4
1986:									
January	2,469.9	421.2	16.6	150.2	133.4	555.5	124.6	546.6	521.8
February	2,470.2	422.5	16.6	148.8	132.9	556.8	125.0	549.1	524.6
March	2,494.0	422.3	16.7	155.2	133.6	557.5	126.1	557.8	524.7
April	2,528.4	422.8	16.6	164.6	135.0	565.3	128.0	572.3	523.8
May	2,559.3	422.3	16.7	169.3	137.1	575.7	130.1	580.7	527.3
June	2,585.0	423.3	16.8	174.4	134.1	583.2	132.9	590.8	529.4
July	2,565.5	422.2	16.7	178.2	139.8	585.9	134.4	591.7	496.7
August	2,568.5	425.3	16.5	179.3	140.0	586.7	135.4	592.0	493.4
September	2,590.0	427.3	16.3	176.6	139.5	586.1	133.3	593.7	517.3
October	2,607.5	427.8	16.0	175.3	139.9	594.6	133.0	592.3	528.7
November	2,620.2	428.1	15.9	173.9	140.3	605.4	133.8	590.7	532.1
December	2,626.5	425.3	16.0	171.0	141.6	616.1	133.6	590.7	532.2
1987:									
January	2,573.6	423.2	15.9	164.1	139.9	585.8	133.4	584.1	526.9
February	2,568.0	422.7	15.5	161.4	139.8	580.4	133.6	585.7	528.8
March	2,591.3	422.6	15.5	165.7	140.1	586.1	134.5	593.7	533.0
April	2,615.0	422.2	15.5	171.1	141.1	595.0	135.5	600.4	534.3
May	2,631.4	422.0	15.6	173.7	141.1	601.7	137.5	605.0	534.8
June	2,656.6	425.3	15.6	178.2	142.0	609.0	139.3	613.6	533.5
July	2,638.8	424.7	15.6	183.2	142.5	610.7	140.8	611.8	509.5
August	2,634.0	426.1	15.6	182.8	142.7	611.3	140.6	611.1	503.8
September	2,652.8	427.3	15.5	177.5	142.4	608.6	139.0	612.2	530.3
October	2,666.9	427.0	15.7	176.5	142.1	613.6	138.5	609.5	543.9
November	2,681.9	427.2	15.8	175.1	142.7	624.0	139.1	608.4	549.5

See footnote Table A-1.

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

Table A-3.

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	NOV. 1987	OCT. 1987	NOV. 1986	OCT. 1987	NOV. 1986
TOTAL NONAGRICULTURAL	1,222.1	1,211.7	1,184.6	10.4	37.5
MANUFACTURING	149.1	149.0	149.9	.1	-.8
DURABLE GOODS	50.8	50.7	50.8	.1	.0
LUMBER AND WOOD PRODUCTS	4.5	4.5	4.2	.0	.3
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	2.2	2.2	2.1	.0	.1
FURNITURE AND FIXTURES	9.0	8.9	9.1	.1	-.1
HOUSEHOLD AND OFFICE FURNITURE	8.7	8.6	8.8	.1	-.1
STONE, CLAY & GLASS PRODUCTS	2.2	2.3	2.4	-.1	-.2
CONCRETE, GYPSUM AND PLASTER PRODUCTS	0.6	0.6	0.6	.0	.0
PRIMARY METAL INDUSTRIES	2.4	2.4	2.3	.0	.1
FABRICATED METAL PRODUCTS	3.6	3.6	3.6	.0	.0
FABRICATED STRUCTURAL METAL PRODUCTS	1.3	1.2	1.2	.1	.1
MACHINERY EXCEPT ELECTRICAL	2.8	2.8	2.6	.0	.2
ELECTRIC & ELECTRONIC EQUIPMENT	16.1	16.1	16.6	.0	-.5
COMMUNICATION EQUIPMENT	6.8	6.9	7.3	-.1	-.5
TRANSPORTATION EQUIPMENT	6.6	6.6	6.7	.0	-.1
INSTRUMENTS & RELATED PRODUCTS	2.3	2.3	2.2	.0	.1
MISC. MANUFACTURING INDUSTRIES	1.3	1.3	1.2	.0	.1
NONDURABLE GOODS	98.3	98.2	99.1	.1	-.8
FOOD & KINDRED PRODUCTS	15.0	14.9	14.7	.1	.3
MEAT PRODUCTS	6.1	6.1	5.5	.0	.6
BEVERAGES	0.8	0.8	0.8	.0	.0
TOBACCO MANUFACTURES	4.2	4.3	4.1	-.1	.1
TEXTILE MILL PRODUCTS	26.5	26.5	26.0	.0	.5
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	7.1	7.1	6.7	.0	.4
NARROW FABRIC MILLS	0.6	0.6	0.7	.0	-.1
KNITTING MILLS	15.5	15.5	15.0	.0	.5
MISC. TEXTILE GOODS	0.4	0.4	0.4	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	25.6	25.6	26.4	.0	-.8
MENS & BOYS SUITS, COATS AND FURNISHINGS	8.6	8.6	9.0	.0	-.4
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	14.7	14.7	15.0	.0	-.3
PAPER & ALLIED PRODUCTS	2.8	2.8	2.7	.0	.1
PULP, PAPER & PAPERBOARD	0.9	0.9	0.8	.0	.1
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	1.9	1.9	1.8	.0	.1
PAPERBOARD CONTAINERS AND BOXES	0.9	0.9	0.8	.0	.1
PRINTING AND PUBLISHING	11.5	11.4	11.0	.1	.5
NEWSPAPER AND PERIODICALS	5.6	5.4	5.1	.2	.5
COMMERCIAL PRINTING	3.0	3.0	3.1	.0	-.1
CHEMICALS & ALLIED PRODUCTS	9.3	9.3	9.0	.0	.3
PLASTICS MATERIALS AND SYNTHETICS	4.4	4.4	4.7	.0	-.3
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	3.0	3.0	3.6	.0	-.6
MISC. PLASTICS PRODUCTS	2.2	2.2	2.7	.0	-.5
LEATHER & LEATHER PRODUCTS	0.2	0.4	1.6	-.2	-1.4

(Continued on page 7)

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 6)

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS NOV. 1987	OCT. 1987	NOV. 1986	NET CHANGE FROM OCT. 1987	NOV. 1986
NONMANUFACTURING	1,073.1	1,062.7	1,034.8	10.4	38.3
MINING	0.7	0.7	0.6	.0	.1
BITUMINOUS COAL AND LIGNITE MINING	0.5	0.5	0.4	.0	.1
CONSTRUCTION	15.2	15.3	14.8	- .1	.4
TRANSPORTATION & PUBLIC UTILITIES	45.9	45.9	44.3	.0	1.6
RAILROAD TRANSPORTATION	1.4	1.4	1.5	.0	- .1
TRUCKING & WAREHOUSING	4.1	4.1	3.9	.0	.2
TRANSPORTATION BY AIR	9.1	9.0	8.7	.1	.4
COMMUNICATION	21.0	21.1	20.7	- .1	.3
ELECTRIC, GAS & SANITARY SERVICES	4.8	4.8	4.2	.0	.6
WHOLESALE & RETAIL TRADE	288.0	281.4	278.1	6.6	9.9
WHOLESALE TRADE	34.4	34.2	33.6	.2	.8
WHOLESALE TRADE - DURABLE GOODS	20.8	20.7	20.0	.1	.8
WHOLESALE TRADE - NONDURABLE GOODS	13.6	13.5	13.6	.1	.0
RETAIL TRADE	253.6	247.2	244.5	6.4	9.1
GENERAL MERCHANDISE STORES	46.9	43.6	45.9	3.3	1.0
DEPARTMENT STORES	36.2	33.7	36.2	2.5	.0
VARIETY STORES	9.6	8.9	8.6	.7	1.0
FOOD STORES	35.0	34.4	34.0	.6	1.0
AUTOMOTIVE DEALERS AND SERVICE STATIONS	13.2	13.3	13.0	- .1	.2
APPAREL & ACCESSORY STORES	19.1	18.7	19.4	.4	- .3
FURNITURE AND HOME FURNISHING STORES	11.2	11.0	10.3	.2	.9
EATING & DRINKING PLACES	86.6	86.0	82.0	.6	4.6
MISCELLANEOUS RETAIL	37.2	35.9	36.1	1.3	1.1
FINANCE, INSURANCE AND REAL ESTATE	86.2	85.7	82.4	.5	3.8
BANKING	26.9	26.9	26.4	.0	.5
CREDIT AGENCIES OTHER THAN BANKS	16.7	16.9	16.7	- .2	.0
SECURITY, COMMODITY BROKERS & SERVICES	2.2	2.1	1.7	.1	.5
INSURANCE CARRIERS	15.2	15.1	15.0	.1	.2
REAL ESTATE	15.0	14.7	14.0	.3	1.0
SERVICES	345.2	345.4	333.4	- .2	11.8
HOTELS AND OTHER LODGING PLACES	23.2	23.8	22.7	- .6	.5
PERSONAL SERVICES	23.2	23.1	21.8	.1	1.4
BUSINESS SERVICES	68.6	68.3	65.4	.3	3.2
AUTO REPAIR SERVICES & GARAGES	3.2	3.2	3.0	.0	.2
MISC. REPAIR SERVICES	1.9	1.9	2.0	.0	- .1
MOTION PICTURES	1.5	1.4	1.4	.1	.1
AMUSEMENT AND RECREATION SERVICES	6.5	6.8	5.8	- .3	.7
HEALTH SERVICES	115.9	115.9	111.9	.0	4.0
HOSPITALS	59.7	59.6	57.4	.1	2.3
EDUCATIONAL SERVICES	19.0	18.9	18.7	.1	.3
GOVERNMENT	291.7	288.3	281.1	3.4	10.6
FEDERAL GOVERNMENT	71.3	70.8	68.9	.5	2.4
STATE & LOCAL GOVERNMENT	220.5	217.5	212.2	3.0	8.3
STATE GOVERNMENT	65.7	65.2	64.2	.5	1.5
LOCAL GOVERNMENT	154.8	152.3	148.0	2.5	6.8

See footnote Table A-1.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table A-4.

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS NOV. 1987	OCT. 1987	NOV. 1986	NET CHANGE FROM OCT. 1987	NOV. 1986
MANUFACTURING	324.7	324.4	323.6	.3	1.1
DURABLE GOODS	149.6	149.5	150.6	.1	- 1.0
LUMBER AND WOOD PRODUCTS	20.2	20.4	20.7	- .2	- .5
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	6.5	6.5	6.6	.0	- .1
FURNITURE AND FIXTURES	21.3	21.2	21.7	.1	- .4
HOUSEHOLD AND OFFICE FURNITURE	20.2	20.1	20.6	.1	- .4
STONE, CLAY & GLASS PRODUCTS	13.4	13.5	12.9	- .1	.5
CONCRETE, GYPSUM AND PLASTER PRODUCTS	6.1	6.1	6.0	.0	.1
PRIMARY METAL INDUSTRIES	7.1	7.1	6.4	.0	.7
FABRICATED METAL PRODUCTS	12.9	12.9	13.7	.0	- .8
FABRICATED STRUCTURAL METAL PRODUCTS	6.9	6.9	7.7	.0	- .8
MACHINERY EXCEPT ELECTRICAL	11.8	11.8	10.5	.0	1.3
ELECTRIC & ELECTRONIC EQUIPMENT	19.6	19.6	21.1	.0	- 1.5
COMMUNICATION EQUIPMENT	8.6	8.6	9.3	.0	- .7
TRANSPORTATION EQUIPMENT	37.4	37.1	38.3	.3	- .9
INSTRUMENTS & RELATED PRODUCTS	3.2	3.2	2.7	.0	.5
MISC. MANUFACTURING INDUSTRIES	2.6	2.6	2.6	.0	.0
NONDURABLE GOODS	175.1	175.0	173.0	.1	2.1
FOOD & KINDRED PRODUCTS	31.4	31.0	29.0	.4	2.4
MEAT PRODUCTS	12.2	12.1	11.3	.1	.9
BEVERAGES	2.8	2.7	2.1	.1	.7
TOBACCO MANUFACTURES	8.5	8.7	9.1	- .2	- .6
TEXTILE MILL PRODUCTS	42.0	41.9	40.1	.1	1.9
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	13.6	13.5	13.2	.1	.4
NARROW FABRIC MILLS	1.0	1.0	1.2	.0	- .2
KNITTING MILLS	20.6	20.5	18.9	.1	1.7
MISC. TEXTILE GOODS	1.0	0.9	0.9	.1	.1
APPAREL & OTHER TEXTILE PRODUCTS	26.7	26.7	27.2	.0	- .5
MENS & BOYS SUITS, COATS AND FURNISHINGS	8.7	8.7	8.7	.0	.0
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	14.5	14.5	14.9	.0	- .4
PAPER & ALLIED PRODUCTS	11.8	11.8	12.1	.0	- .3
PULP, PAPER & PAPERBOARD	5.6	5.7	5.7	- .1	- .1
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	5.9	5.9	6.1	.0	- .2
PAPERBOARD CONTAINERS AND BOXES	3.4	3.4	3.5	.0	- .1
PRINTING AND PUBLISHING	18.9	18.9	18.5	.0	.4
NEWSPAPER AND PERIODICALS	4.6	4.6	4.5	.0	.1
COMMERCIAL PRINTING	10.1	10.1	9.9	.0	.2
CHEMICALS & ALLIED PRODUCTS	23.8	23.7	22.7	.1	1.1
PLASTICS MATERIALS AND SYNTHETICS	12.8	12.8	13.1	.0	- .3
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	11.7	11.7	12.3	.0	- .6
MISC. PLASTICS PRODUCTS	6.8	6.8	7.2	.0	- .4
LEATHER & LEATHER PRODUCTS	0.3	0.6	2.0	- .3	- 1.7

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.
BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	NOV. 1987	OCT. 1987	NOV. 1986	OCT. 1987	NOV. 1986
TOTAL NONAGRICULTURAL	31.8	31.5	30.6	.3	1.2
MANUFACTURING	10.0	9.8	9.4	.2	.6
DURABLE GOODS	5.4	5.3	4.8	.1	.6
FABRICATED METAL PRODUCTS	1.2	1.2	1.4	.0	- .2
MACHINERY & TRANSPORTATION EQUIPMENT	3.0	3.0	2.4	.0	.6
NONDURABLE GOODS	4.6	4.5	4.5	.1	.1
FOOD & KINDRED PRODUCTS	1.6	1.5	1.5	.1	.1
APPAREL & OTHER TEXTILE PRODUCTS	1.7	1.7	1.9	.0	- .2
PAPER & ALLIED PRODS. & PRINTING & PUBLISHING	0.5	0.5	0.5	.0	.0
NONMANUFACTURING	21.9	21.7	21.2	.2	.7
MINING	0.1	0.1	0.1	.0	.0
CONSTRUCTION	0.8	0.8	0.9	.0	- .1
TRANSPORTATION & PUBLIC UTILITIES	1.2	1.2	1.2	.0	.0
WHOLESALE & RETAIL TRADE	8.9	8.8	8.3	.1	.6
WHOLESALE TRADE	1.9	1.9	1.8	.0	.1
RETAIL TRADE	7.0	6.9	6.6	.1	.4
FINANCE, INSURANCE AND REAL ESTATE	0.9	0.9	0.9	.0	.0
SERVICES	4.7	4.7	4.5	.0	.2
GOVERNMENT	5.3	5.2	5.4	.1	- .1
FEDERAL GOVERNMENT	0.4	0.4	0.4	.0	.0
STATE & LOCAL GOVERNMENT	4.9	4.8	4.9	.1	.0

The Bristol, Virginia Area covers the city of Bristol and the counties of Scott and Washington.

Table A-6.
CHARLOTTESVILLE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	NOV. 1987	OCT. 1987	NOV. 1986	OCT 1987	NOV 1986
TOTAL NONAGRICULTURAL	65.4	64.8	63.9	.6	1.5
MANUFACTURING	8.8	8.7	8.8	.1	.0
DURABLE GOODS	5.6	5.6	5.7	.0	- .1
FURNITURE AND FIXTURES	0.2	0.3	0.3	- .1	- .1
ELECTRIC & ELECTRONIC EQUIPMENT	4.0	4.0	4.1	.0	- .1
NONDURABLE GOODS	3.2	3.1	3.0	.1	.2
TEXTILE MILL PRODUCTS	0.7	0.7	0.7	.0	.0
PRINTING AND PUBLISHING	0.9	0.9	0.8	.0	.1
NONMANUFACTURING	56.6	56.1	55.1	.5	1.5
MINING	0.1	0.1	0.1	.0	.0
CONSTRUCTION	3.6	3.7	3.5	- .1	.1
TRANSPORTATION & PUBLIC UTILITIES	2.4	2.3	2.2	.1	.2
WHOLESALE & RETAIL TRADE	12.4	12.3	12.4	.1	.0
WHOLESALE TRADE	1.7	1.7	1.8	.0	- .1
RETAIL TRADE	10.7	10.5	10.6	.2	.1
FINANCE, INSURANCE AND REAL ESTATE	3.3	3.2	3.0	.1	.3
SERVICES	11.2	11.3	10.9	- .1	.3
GOVERNMENT	23.7	23.3	23.0	.4	.7
FEDERAL GOVERNMENT	1.3	1.3	1.3	.0	.0
STATE & LOCAL GOVERNMENT	22.4	22.0	21.7	.4	.7

The Charlottesville Metropolitan Statistical Area covers the city of Charlottesville and the counties of Albemarle, Fluvanna, and Greene.

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.
DANVILLE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	NOV. 1987	OCT. 1987	NOV. 1986	OCT. 1987	NOV. 1986
TOTAL NONAGRICULTURAL	40.1	39.8	39.9	.3	.2
MANUFACTURING	17.0	17.0	17.0	.0	.0
DURABLE GOODS	3.2	3.1	3.3	.1	- .1
LUMBER AND WOOD PRODUCTS	0.7	0.7	0.8	.0	- .1
MACHINERY EXCEPT ELECTRICAL	0.2	0.2	0.2	.0	.0
FABRICATED METAL PRODUCTS	0.5	0.5	0.4	.0	.1
OTHER DURABLE GOODS	1.8	1.8	1.8	.0	.0
NONDURABLE GOODS	13.9	13.9	13.7	.0	.2
TOBACCO MANUFACTURES	1.3	1.3	1.3	.0	.0
TEXTILE MILL PRODUCTS & APPAREL & OTHER TEXTILE PRODUCTS & LEATHER & LEATHER PRODUCTS	9.6	9.6	9.4	.0	.2
APPAREL & OTHER TEXTILE PRODUCTS	0.9	0.9	1.0	.0	- .1
NONMANUFACTURING	23.0	22.8	22.9	.2	.1
MINING	0.1	0.1	0.1	.0	.0
CONSTRUCTION	1.3	1.3	1.4	.0	- .1
TRANSPORTATION & PUBLIC UTILITIES	1.0	1.0	1.0	.0	.0
WHOLESALE & RETAIL TRADE	8.5	8.4	8.2	.1	.3
WHOLESALE TRADE	1.3	1.2	1.3	.1	.0
RETAIL TRADE	7.2	7.1	6.9	.1	.3
FINANCE, INSURANCE AND REAL ESTATE	1.1	1.1	1.1	.0	.0
SERVICES	5.6	5.6	5.8	.0	- .2
GOVERNMENT	5.4	5.3	5.3	.1	.1
FEDERAL GOVERNMENT	0.3	0.3	0.3	.0	.0
STATE & LOCAL GOVERNMENT	5.1	5.0	5.0	.1	1

The Danville Metropolitan Statistical Area covers the city of Danville and the county of Pittsylvania.

NOTE: The category "Other Durable Goods" includes the furniture and fixtures; stone, clay, and glass products; primary metal; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.

Table A-8.
LYNCHBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	NOV. 1987	OCT. 1987	NOV. 1986	OCT. 1987	NOV. 1986
TOTAL NONAGRICULTURAL	71.7	72.0	71.7	- .3	0
MANUFACTURING	23.6	24.0	24.3	- .4	- 7
DURABLE GOODS	15.5	15.5	15.6	0	- 1
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	3.1	3.1	3.1	0	0
OTHER DURABLE GOODS	12.4	12.5	12.5	- .1	- 1
NONDURABLE GOODS	8.1	8.5	8.8	- .4	- 7
FOOD & KINDRED PRODUCTS	1.4	1.5	1.5	- .1	- 1
TEXTILE MILL PRODUCTS	1.7	1.7	1.7	.0	0
PAPER & ALLIED PRODUCTS	1.1	1.1	1.1	0	0
NONMANUFACTURING	48.1	48.0	47.3	.1	8
MINING	0.1	0.1	0.1	.0	0
CONSTRUCTION	3.4	3.4	3.3	.0	1
TRANSPORTATION & PUBLIC UTILITIES	2.9	2.9	2.9	.0	0
WHOLESALE & RETAIL TRADE	13.6	13.5	13.6	1	0
WHOLESALE TRADE	2.4	2.4	2.4	.0	0
RETAIL TRADE	11.2	11.1	11.1	1	1
FINANCE, INSURANCE AND REAL ESTATE	3.4	3.4	3.3	.0	1
SERVICES	14.9	14.9	14.4	.0	5
GOVERNMENT	9.8	9.8	9.9	.0	- 1
FEDERAL GOVERNMENT	0.5	0.5	0.5	0	0
STATE & LOCAL GOVERNMENT	9.3	9.2	9.4	1	- 1

The Lynchburg Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst and Campbell.

NOTE: The category "Other Durable Goods" includes the stone, clay, and glass products; primary metal; fabricated metal products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.
NORFOLK-VIRGINIA BEACH-NEWPORT NEWS METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS NOV. 1987	OCT. 1987	NOV. 1986	NET CHANGE FROM OCT. 1987	NOV. 1986
TOTAL NONAGRICULTURAL	550.3	549.3	540.6	1.0	9.7
MANUFACTURING	66.7	66.8	69.0	- .1	- 2.3
DURABLE GOODS	48.6	48.5	50.3	.1	- 1.7
LUMBER AND WOOD PRODUCTS	2.1	2.1	1.9	.0	.2
FABRICATED METAL PRODUCTS	1.3	1.3	1.6	.0	- .3
MACHINERY EXCEPT ELECTRICAL	2.0	2.0	2.0	.0	.0
ELECTRIC & ELECTRONIC EQUIPMENT	1.3	1.3	1.7	.0	- .4
TRANSPORTATION EQUIPMENT	36.1	35.8	37.1	.3	- 1.0
NONDURABLE GOODS	18.2	18.4	18.7	- .2	- .5
FOOD & KINDRED PRODUCTS	7.7	7.7	7.7	.0	.0
PRINTING AND PUBLISHING	4.0	4.1	4.3	- .1	- .3
CHEMICALS & ALLIED PRODUCTS	2.0	2.0	1.9	.0	.1
NONMANUFACTURING	483.6	482.5	471.6	1.1	12.0
MINING	0.1	0.1	0.1	.0	.0
CONSTRUCTION	36.4	36.6	38.0	- .2	- 1.6
TRANSPORTATION & PUBLIC UTILITIES	25.8	25.8	25.9	.0	- .1
RAILROAD TRANSPORTATION	1.8	1.8	2.0	.0	- .2
WHOLESALE & RETAIL TRADE	141.0	139.8	135.1	1.2	5.9
WHOLESALE TRADE	22.7	22.6	22.0	.1	.7
RETAIL TRADE	118.3	117.2	113.1	1.1	5.2
FINANCE, INSURANCE AND REAL ESTATE	25.5	25.2	24.8	.3	.7
BANKING	6.3	6.3	6.6	.0	- .3
INS CARRIERS, AGENTS, BROKERS, & SERVICES	4.2	4.2	4.3	.0	- .1
SERVICES	127.4	128.6	121.8	- 1.2	5.6
PERSONAL SERVICES	7.9	7.9	8.0	.0	- .1
GOVERNMENT	127.4	126.3	126.0	1.1	1.4
FEDERAL GOVERNMENT	56.7	56.3	55.1	.4	1.6
STATE & LOCAL GOVERNMENT	70.8	70.0	70.9	.8	- .1

The Norfolk-Virginia Beach-Newport News Metropolitan Statistical Area covers the cities of Chesapeake, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Suffolk, Virginia Beach, and Williamsburg and the counties of Gloucester, James City, and York.

Table A-10.
NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS NOV. 1987	OCT. 1987	NOV. 1986	NET CHANGE FROM OCT. 1987	NOV. 1986
TOTAL NONAGRICULTURAL	699.9	694.4	673.3	5.5	26.6
MANUFACTURING	34.6	34.4	35.2	.2	- .6
DURABLE GOODS	19.4	19.4	20.9	.0	- 1.5
FABRICATED METAL PRODUCTS	1.0	1.0	1.0	.0	.0
MACHINERY EXCEPT ELECTRICAL	2.2	2.2	2.2	.0	.0
ELECTRIC & ELECTRONIC EQUIPMENT	12.0	12.0	13.4	.0	- 1.4
NONDURABLE GOODS	15.2	15.0	14.3	.2	.9
PRINTING AND PUBLISHING	10.3	10.2	9.5	.1	.8
NONMANUFACTURING	665.3	660.0	638.2	5.3	27.1
MINING	0.4	0.4	0.5	.0	- .1
CONSTRUCTION	48.2	48.8	48.5	- .6	- .3
TRANSPORTATION & PUBLIC UTILITIES	49.6	49.4	47.3	.2	2.3
ELECTRIC, GAS & SANITARY SERVICES	4.2	4.1	4.0	.1	.2
WHOLESALE & RETAIL TRADE	163.4	159.8	159.0	3.6	4.4
WHOLESALE TRADE	31.6	31.6	30.4	.0	1.2
RETAIL TRADE	131.7	128.2	128.6	3.5	3.1
GENERAL MERCHANDISE STORES	16.4	15.3	16.8	1.1	- .4
AUTOMOTIVE DEALERS AND SERVICE STATIONS	16.2	16.2	16.1	.0	.1
APPAREL & ACCESSORY STORES	10.1	9.7	9.7	.4	.4
FINANCE, INSURANCE AND REAL ESTATE	44.5	44.5	41.4	.0	3.1
BANKING	7.3	7.3	6.9	.0	.4
SERVICES	209.1	208.2	202.8	.9	6.3
BUSINESS SERVICES	87.7	87.6	85.6	.1	2.1
GOVERNMENT	150.1	149.0	138.7	1.1	11.4
FEDERAL GOVERNMENT	74.8	74.8	72.2	.0	2.6
STATE & LOCAL GOVERNMENT	75.3	74.2	66.5	1.1	8.8

The Northern Virginia Area covers the cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, Prince William, and Stafford

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.
RICHMOND-PETERSBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS NOV. 1987	OCT. 1987	NOV. 1986	NET CHANGE FROM OCT. 1987	NOV 1986
TOTAL NONAGRICULTURAL	433.9	431.9	423.2	2.0	10.7
MANUFACTURING	63.5	63.5	62.7	.0	.8
DURABLE GOODS	18.7	18.7	18.4	.0	.3
LUMBER AND WOOD PRODUCTS	2.3	2.2	2.0	.1	.3
FURNITURE AND FIXTURES	1.2	1.1	1.0	.1	.2
STONE, CLAY & GLASS PRODUCTS	1.6	1.6	1.6	.0	.0
FABRICATED METAL PRODUCTS	1.8	1.8	1.9	.0	-.1
MACHINERY EXCEPT ELECTRICAL	2.7	2.6	2.5	.1	.2
OTHER DURABLE GOODS	9.2	9.3	9.2	-.1	.0
NONDURABLE GOODS	44.8	44.9	44.3	-.1	.5
FOOD & KINDRED PRODUCTS	4.8	4.8	4.3	.0	.5
TOBACCO MANUFACTURES	12.3	12.5	12.9	-.2	-.6
APPAREL & OTHER TEXTILE PRODUCTS	2.2	2.2	2.2	.0	.0
PAPER & ALLIED PRODUCTS	4.8	4.9	5.0	-.1	-.2
PRINTING AND PUBLISHING	7.2	7.2	7.1	.0	.1
CHEMICALS & ALLIED PRODUCTS	11.0	10.9	10.5	.1	.5
OTHER NONDURABLE GOODS	2.4	2.4	2.4	.0	.0
NONMANUFACTURING	370.4	368.4	360.5	2.0	9.9
MINING	0.4	0.4	0.3	.0	.1
CONSTRUCTION	26.9	27.0	25.3	-.1	1.6
TRANSPORTATION & PUBLIC UTILITIES	22.9	22.9	22.1	-.0	.8
WHOLESALE & RETAIL TRADE	105.6	103.2	103.4	2.4	2.2
WHOLESALE TRADE	25.3	25.5	25.2	-.2	.1
RETAIL TRADE	80.3	77.8	78.2	2.5	2.1
GENERAL MERCHANDISE STORES	15.0	13.8	14.1	1.2	.9
FOOD STORES	12.2	11.5	12.4	.7	-.2
AUTOMOTIVE DEALERS AND SERVICE STATIONS	8.4	8.4	8.4	0	.0
FINANCE, INSURANCE AND REAL ESTATE	34.5	34.7	33.6	-.2	.9
INS CARRIERS, AGENTS, BROKERS, & SERVICES	12.3	12.4	12.5	-.1	-.2
SERVICES	88.7	89.8	85.1	-1.1	3.6
HEALTH SERVICES	20.8	20.9	20.1	-.1	.7
GOVERNMENT	91.6	90.4	90.6	1.2	1.0
FEDERAL GOVERNMENT	16.9	16.8	16.7	.1	.2
STATE & LOCAL GOVERNMENT	74.7	73.6	73.9	1.1	.8

The Richmond-Petersburg Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell, Petersburg, and Richmond and the counties of Charles City, Chesterfield, Dinwiddie, Goochland, Hanover, Henrico, New Kent, Powhatan, and Prince George.

NOTE: The category "Other Durable Goods" includes the primary metal; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.

The category "Other Nondurable Goods" includes the textile mill products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.

Table A-12.
ROANOKE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS NOV 1987	OCT 1987	NOV 1986	NET CHANGE FROM OCT 1987	NOV 1986
TOTAL NONAGRICULTURAL	122.1	121.8	119.6	3	2.5
MANUFACTURING	20.7	20.7	20.6	0	1
DURABLE GOODS	12.2	12.2	12.1	.0	1
FURNITURE AND FIXTURES	1.7	1.7	1.7	.0	0
FABRICATED METAL PRODUCTS	1.6	1.6	1.6	.0	0
MACHINERY EXCEPT ELECTRICAL	1.6	1.6	1.6	0	0
NONDURABLE GOODS	8.5	8.5	8.4	0	1
TEXTILE MILL PRODUCTS	1.6	1.6	1.5	0	1
PRINTING AND PUBLISHING	1.0	1.0	1.1	0	-1
NONMANUFACTURING	101.4	101.1	99.0	3	2.4
MINING	0.1	0.1	0.2	0	-1
CONSTRUCTION	7.4	7.5	7.0	-1	4
TRANSPORTATION & PUBLIC UTILITIES	8.8	8.8	8.9	0	-1
WHOLESALE & RETAIL TRADE	33.4	33.0	32.5	4	9
WHOLESALE TRADE	9.1	9.1	8.8	0	3
RETAIL TRADE	24.2	23.9	23.7	3	5
FINANCE, INSURANCE AND REAL ESTATE	8.5	8.4	8.0	1	5
SERVICES	27.3	27.4	26.8	-1	5
GOVERNMENT	16.0	15.8	15.7	2	3
FEDERAL GOVERNMENT	3.5	3.5	3.4	0	1
STATE & LOCAL GOVERNMENT	12.5	12.3	12.3	2	.2

The Roanoke Metropolitan Statistical Area covers the cities of Roanoke and Salem and the counties of Botetourt and Roanoke.

See footnote Table A-1.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C-1.

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	NOV. 1987	OCT. 1987	NOV. 1986	NOV. 1987	OCT. 1987	NOV. 1986	NOV. 1987	OCT. 1987	NOV. 1986
MANUFACTURING	$377.39	$379.39	$365.24	41.2	41.6	40.9	$9.16	$9.12	$8.93
DURABLE GOODS	389.51	392.05	367.69	42.2	42.8	41.5	9.23	9.16	8.86
LUMBER AND WOOD PRODUCTS	275.92	282.74	252.56	39.7	40.8	38.5	6.95	6.93	6.56
FURNITURE AND FIXTURES	255.07	274.21	237.33	42.3	45.1	40.5	6.03	6.08	5.86
HOUSEHOLD AND OFFICE FURNITURE	252.03	269.39	231.95	42.5	45.2	40.2	5.93	5.96	5.77
STONE, CLAY & GLASS PRODUCTS	363.13	380.19	336.84	41.5	43.7	42.0	8.75	8.70	8.02
PRIMARY METAL INDUSTRIES	489.60	465.87	474.24	45.8	44.2	45.6	10.69	10.54	10.40
FABRICATED METAL PRODUCTS	406.85	416.88	406.00	41.9	43.2	43.1	9.71	9.65	9.42
FABRICATED STRUCTURAL METAL PRODUCTS	367.04	369.75	360.26	41.9	42.5	43.3	8.76	8.70	8.32
MACHINERY EXCEPT ELECTRICAL	404.61	408.24	389.43	43.6	43.2	42.1	9.28	9.45	9.25
ELECTRIC & ELECTRONIC EQUIPMENT	383.46	366.33	381.97	41.1	40.3	41.7	9.33	9.09	9.16
COMMUNICATION EQUIPMENT	415.00	399.08	385.64	41.5	41.1	42.1	10.00	9.71	9.16
INSTRUMENTS & RELATED PRODUCTS	1/352.23	331.85	266.34	1/45.1	41.9	40.6	1/ 7.81	7.92	6.56
MISC. MANUFACTURING INDUSTRIES	285.43	283.09	314.27	36.5	37.2	42.7	7.82	7.61	7.36
NONDURABLE GOODS	367.24	367.74	363.60	40.4	40.5	40.4	9.09	9.08	9.00
FOOD & KINDRED PRODUCTS	372.19	364.11	345.26	41.4	41.9	41.9	8.99	8.69	8.24
TEXTILE MILL PRODUCTS	278.80	294.35	282.63	40.7	41.4	39.2	6.85	7.11	7.21
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	340.01	328.75	313.96	44.1	43.2	42.6	7.71	7.61	7.37
KNITTING MILLS	239.01	279.48	260.28	38.8	40.8	35.9	6.16	6.85	7.25
MISC. TEXTILE GOODS	344.31	329.81	302.89	44.6	43.0	42.6	7.72	7.67	7.11
APPAREL & OTHER TEXTILE PRODUCTS	205.04	201.42	201.96	37.9	37.3	37.4	5.41	5.40	5.40
MENS & BOYS SUITS, COATS AND FURNISHINGS	207.72	190.40	213.58	36.0	34.0	36.2	5.77	5.60	5.90
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	195.94	200.31	187.72	38.8	39.2	38.0	5.05	5.11	4.94
PAPER & ALLIED PRODUCTS	508.67	504.89	515.20	43.7	43.6	44.8	11.64	11.58	11.50
PULP, PAPER & PAPERBOARD	609.33	619.82	645.81	43.9	44.4	45.9	13.88	13.96	14.07
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	418.81	400.40	403.15	43.9	43.1	44.4	9.54	9.29	9.08
PRINTING AND PUBLISHING	421.37	431.12	432.14	38.8	39.3	41.0	10.86	10.97	10.54
NEWSPAPER AND PERIODICALS	359.78	354.16	350.41	36.6	36.7	37.8	9.83	9.65	9.27
CHEMICALS & ALLIED PRODUCTS	480.39	466.67	479.52	41.2	40.3	40.5	11.66	11.58	11.84
PLASTICS MATERIALS AND SYNTHETICS	489.95	480.11	487.20	41.0	41.0	40.0	11.95	11.71	12.18
LEATHER & LEATHER PRODUCTS	193.22	199.49	177.24	38.8	40.3	39.3	4.98	4.95	4.51

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[1] 1987 data not comparable to prior years

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS NOV. 1987	AVERAGE WEEKLY EARNINGS OCT. 1987	AVERAGE WEEKLY EARNINGS NOV. 1986	AVERAGE WEEKLY HOURS NOV. 1987	AVERAGE WEEKLY HOURS OCT. 1987	AVERAGE WEEKLY HOURS NOV. 1986	AVERAGE HOURLY EARNINGS NOV. 1987	AVERAGE HOURLY EARNINGS OCT. 1987	AVERAGE HOURLY EARNINGS NOV. 1986
MANUFACTURING	$343.74	$321.98	$312.42	43.9	41.6	41.6	$7.83	$7.74	$7.51
DURABLE GOODS	394.98	378.88	374.88	45.4	43.3	42.6	8.70	8.75	8.80
FABRICATED METAL PRODUCTS	503.53	522.90	461.47	43.0	45.0	41.8	11.71	11.62	11.04
MACHINERY & TRANSPORTATION EQUIPMENT	370.83	337.90	340.08	47.3	43.1	43.6	7.84	7.84	7.80
NONDURABLE GOODS	276.96	248.61	244.22	41.9	39.4	40.5	6.61	6.31	6.03
FOOD & KINDRED PRODUCTS	238.03	248.61	263.70	34.8	36.4	39.3	6.84	6.83	6.71
APPAREL & OTHER TEXTILE PRODUCTS	312.70	229.94	226.68	49.4	40.2	41.9	6.33	5.72	5.41

Data for the Bristol, Virginia Area (city of Bristol and the counties of Scott and Washington) cover approximately 7,200 production workers.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
CHARLOTTESVILLE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS NOV. 1987	AVERAGE WEEKLY EARNINGS OCT. 1987	AVERAGE WEEKLY EARNINGS NOV. 1986	AVERAGE WEEKLY HOURS NOV. 1987	AVERAGE WEEKLY HOURS OCT. 1987	AVERAGE WEEKLY HOURS NOV. 1986	AVERAGE HOURLY EARNINGS NOV. 1987	AVERAGE HOURLY EARNINGS OCT. 1987	AVERAGE HOURLY EARNINGS NOV. 1986
MANUFACTURING	$313.83	$321.86	$311.08	41.9	42.8	41.7	$7.49	$7.52	$7.46
DURABLE GOODS	310.95	322.83	316.24	40.7	42.2	40.7	7.64	7.65	7.77
ELECTRIC & ELECTRONIC EQUIPMENT	306.56	321.14	319.12	37.8	39.5	39.3	8.11	8.13	8.12
NONDURABLE GOODS	317.99	321.79	301.46	43.8	43.9	43.5	7.26	7.33	6.93
PRINTING AND PUBLISHING	345.20	353.20	289.91	40.9	41.7	38.5	8.44	8.47	7.53

Data for the Charlottesville Metropolitan Statistical Area (city of Charlottesville and the counties of Albemarle, Fluvanna, and Greene) cover approximately 6,000 production workers.

See footnote Table C-1.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
DANVILLE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	NOV. 1987	OCT. 1987	NOV. 1986	NOV. 1987	OCT. 1987	NOV. 1986	NOV. 1987	OCT. 1987	NOV. 1986
MANUFACTURING	$360.82	$357.86	$346.53	42.4	42.2	41.6	$8.51	$8.48	$8.33
DURABLE GOODS	339.89	353.38	311.22	41.4	43.2	39.0	8.21	8.18	7.98
FABRICATED METAL PRODUCTS	267.13	284.24	336.98	45.2	51.4	58.0	5.91	5.53	5.81
NONDURABLE GOODS	365.51	359.10	355.32	42.6	42.0	42.3	8.58	8.55	8.40
APPAREL & OTHER TEXTILE PRODUCTS	235.20	243.90	251.37	35.0	34.4	37.8	6.72	7.09	6.65

Data for the Danville Metropolitan Statistical Area (city of Danville and the county of Pittsylvania) cover approximately 14,200 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
LYNCHBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	NOV. 1987	OCT. 1987	NOV. 1986	NOV. 1987	OCT. 1987	NOV. 1986	NOV. 1987	OCT. 1987	NOV. 1986
MANUFACTURING	$368.46	$356.75	$360.36	41.4	41.1	42.0	$8.90	$8.68	$8.58
DURABLE GOODS	380.16	362.50	371.92	42.1	41.1	42.7	9.03	8.82	8.71
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	213.74	229.89	226.73	36.6	39.5	40.2	5.84	5.82	5.64
NONDURABLE GOODS	349.80	348.14	343.17	40.3	41.2	41.0	8.68	8.45	8.37
FOOD & KINDRED PRODUCTS	379.26	372.47	336.20	44.1	44.5	41.0	8.60	8.37	8.20
TEXTILE MILL PRODUCTS	299.12	290.21	309.67	39.1	39.7	40.8	7.65	7.31	7.59
PAPER & ALLIED PRODUCTS	458.89	479.39	525.83	45.3	47.7	47.5	10.13	10.05	11.07

Data for the Lynchburg Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst and Campbell) cover approximately 16,900 production workers.

See footnote Table C-1.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
NORTHERN VIRGINIA AREA

	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
INDUSTRY GROUP	NOV. 1987	OCT. 1987	NOV. 1986	NOV. 1987	OCT. 1987	NOV. 1986	NOV. 1987	OCT. 1987	NOV. 1986
MANUFACTURING	$375.38	$408.62	$399.84	37.5	40.1	42.0	$10.01	$10.19	$9.52
DURABLE GOODS	386.91	434.45	401.07	39.4	43.1	43.5	9.82	10.08	9.22
FABRICATED METAL PRODUCTS	340.75	387.92	419.37	36.6	41.4	44.9	9.31	9.37	9.34
ELECTRIC & ELECTRONIC EQUIPMENT	409.37	410.87	405.06	39.9	40.4	43.0	10.26	10.17	9.42
NONDURABLE GOODS	365.88	385.59	397.76	35.8	37.4	40.3	10.22	10.31	9.87

Data for the Northern Virginia Area (cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, Prince William and Stafford) cover approximately 16,400 production workers.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES
RICHMOND-PETERSBURG METROPOLITAN STATISTICAL AREA

	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
INDUSTRY GROUP	NOV. 1987	OCT. 1987	NOV. 1986	NOV. 1987	OCT. 1987	NOV. 1986	NOV. 1987	OCT. 1987	NOV. 1986
MANUFACTURING	$496.10	$489.48	$467.72	41.9	41.8	41.1	$11.84	$11.71	$11.38
DURABLE GOODS	382.33	392.30	368.34	42.2	43.3	42.0	9.06	9.06	8.77
LUMBER AND WOOD PRODUCTS	1/224.96	255.63	270.38	1/37.0	40.9	43.4	1/6.08	6.25	6.23
FURNITURE AND FIXTURES	1/212.80	355.51	194.18	38.0	48.7	38.3	1/5.60	7.30	5.07
FABRICATED METAL PRODUCTS	320.93	315.33	328.45	38.9	37.9	40.7	8.25	8.32	8.07
NONDURABLE GOODS	539.22	525.75	504.29	41.8	41.3	40.8	12.90	12.73	12.36
FOOD & KINDRED PRODUCTS	385.71	394.42	359.91	39.0	39.8	43.0	9.89	9.91	8.37
APPAREL & OTHER TEXTILE PRODUCTS	227.55	224.65	220.13	39.3	38.6	39.1	5.79	5.82	5.63
PAPER & ALLIED PRODUCTS	522.45	498.41	482.68	45.0	44.7	44.9	11.61	11.15	10.75
PRINTING AND PUBLISHING	471.42	465.70	480.25	40.5	39.6	42.5	11.64	11.76	11.30
CHEMICALS & ALLIED PRODUCTS	578.10	587.55	589.54	41.0	41.7	41.4	14.10	14.09	14.24

Data for the Richmond-Petersburg Metropolitan Statistical Area (cities of Colonial Heights, Hopewell, Petersburg, and Richmond and the counties of Charles City, Chesterfield, Dinwiddie, Goochland, Hanover, Henrico, New Kent, Powhatan, and Prince George) cover approximately 42,600 production workers.

[1] 1987 data not comparable to prior years

See footnote Table C-1.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS NOV. 1987	OCT. 1987	NOV. 1986	AVERAGE WEEKLY HOURS NOV. 1987	OCT. 1987	NOV. 1986	AVERAGE HOURLY EARNINGS NOV. 1987	OCT. 1987	NOV. 1986
MANUFACTURING	$372.91	$365.29	$344.81	41.9	41.7	41.0	$8.90	$8.76	$8.41
DURABLE GOODS	392.70	385.67	364.04	42.5	42.9	41.7	9.24	8.99	8.73
FABRICATED METAL PRODUCTS	1/ 321.60	324.79	312.64	1/ 40.0	39.9	41.3	8.04	8.14	7.57
NONDURABLE GOODS	1/ 344.42	336.00	317.99	1/ 41.1	40.0	40.1	8.38	8.40	7.93
TEXTILE MILL PRODUCTS	295.40	288.27	259.20	41.2	41.3	40.0	7.17	6.98	6.48

Data for the Roanoke Metropolitan Statistical Area (cities of Roanoke and Salem and the counties of Botetourt and Roanoke) cover approximately 14,400 production workers.

[1] 1987 data not comparable to prior years.

See footnote Table C-1.

CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS U.S. CITY AVERAGE

ALL ITEMS—(1967 = 100)

Year	Jan.	Feb.	March	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.	Ann. Avg. Change
1979	204.7	207.1	209.1	211.5	214.1	216.6	218.9	221.1	223.4	225.4	227.5	229.9	217.4	11.38
1980	233.2	236.4	239.8	242.5	244.9	247.6	247.8	249.4	251.7	253.9	256.2	258.4	246.8	13.5
1981	260.5	263.2	265.1	266.8	269.0	271.3	274.4	276.5	279.3	279.9	280.7	281.5	272.4	10.4
1982	282.5	283.4	283.1	284.3	287.1	290.6	292.2	292.8	293.3	294.1	293.6	292.4	289.1	6.1
1983	293.1	293.2	293.4	295.5	297.1	298.1	299.3	300.3	301.8	302.6	303.1	303.5	298.4	3.2
1984	305.2	306.6	307.3	308.8	309.7	310.7	311.7	313.0	314.5	315.3	315.3	315.5	311.1	4.3
1985	316.1	317.4	318.8	320.1	321.3	322.3	322.8	323.5	324.5	325.5	326.6	327.4	322.2	3.6
1986	328.4	327.5	326.0	325.3	326.3	327.9	328.0	328.6	330.2	330.5	330.8	331.1	328.4	1.9
1987	333.1	334.4	335.9	337.7	338.7	340.1	340.8	342.7	344.4	345.3	345.8			

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours, and earnings are collected by the Virginia Employment Commission in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 7,500 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers, and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production of nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work, but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Reliability of Employment Estimates. The BLS establishment sample covers approximately 44.5 percent of the total employment for the state. Since small sampling and response errors cumulative over several months, there was a 0.1 percent adjustment in benchmark levels for the First Quarter 1986 benchmark.

Labor force and unemployment estimates for the state and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a federal-state cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

This publication is prepared on a monthly schedule by the Economic Information Services Division of the Virginia Employment Commission for use by private and public sector activities. Comments and suggestions regarding content are welcomed and may be addressed to:

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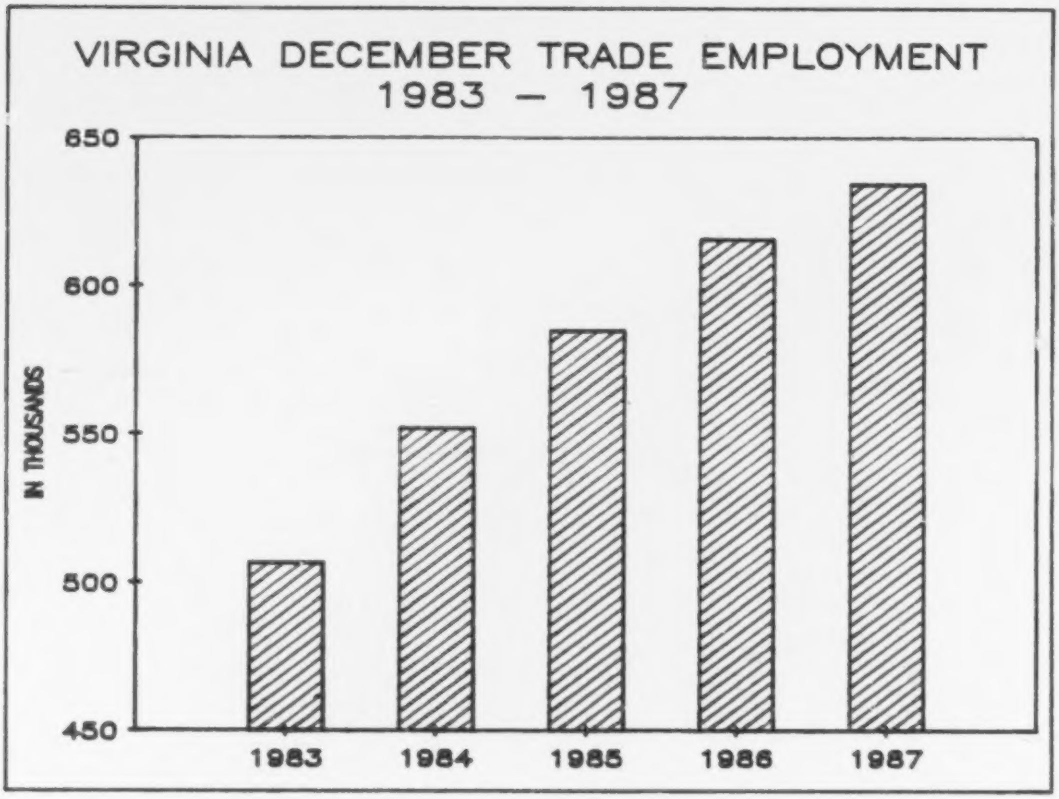
YEAR ENDS ON HIGH NOTE

TOTAL NONAGRICULTURAL EMPLOYMENT CONTINUED TO SOAR TO NEW HEIGHTS DURING DECEMBER 1987. There were 2,693,000 workers reported on payrolls statewide, representing an increase of 10,900 over the month. Positive movement in seasonal sectors was responsible for the upswing. The year ended with an overall gain of 66,500. All divisions, except mining, were in the plus column for over-the-year growth.

NONMANUFACTURING EMPLOYMENT ZOOMED TO 2,266,900 FOR A MONTHLY SURGE OF 12,100 WORKERS. Over the year 65,700 new hires were added. Wholesale and retail trade sustained the strong advance evident in November with supplemental staffs of 10,400 hired to boost employment levels to 634,800, an all-time high. Bustling activity caused by the holiday season was the main factor for the expansion. This industry had yearly growth of 18,700. All segments except apparel and accessory stores reflected new growth.



ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

Table A-1.

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS DEC. 1987	NOV. 1987	DEC. 1986	NET CHANGE FROM NOV. 1987	DEC. 1986
TOTAL NONAGRICULTURAL	2,693.0	2,682.1	2,626.5	10.9	66.5
MANUFACTURING	426.1	427.3	425.3	- 1.2	.8
DURABLE GOODS	200.1	200.0	200.7	.1	- .6
LUMBER AND WOOD PRODUCTS	23.5	23.6	24.0	- .1	- .5
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	8.0	8.0	8.1	.0	- .1
FURNITURE AND FIXTURES	24.7	24.8	24.9	- .1	- .2
HOUSEHOLD AND OFFICE FURNITURE	23.0	23.1	23.3	- .1	- .3
STONE, CLAY & GLASS PRODUCTS	16.1	16.1	15.7	.0	.4
CONCRETE, GYPSUM AND PLASTER PRODUCTS	7.5	7.5	7.5	.0	.0
PRIMARY METAL INDUSTRIES	11.1	11.1	10.6	.0	.5
FABRICATED METAL PRODUCTS	17.9	17.9	18.5	.0	- .6
FABRICATED STRUCTURAL METAL PRODUCTS	10.3	10.4	11.0	- .1	- .7
MACHINERY EXCEPT ELECTRICAL	16.9	16.7	15.6	.2	1.3
ELECTRIC & ELECTRONIC EQUIPMENT	38.1	38.1	40.2	.0	- 2.1
COMMUNICATION EQUIPMENT	15.2	15.0	16.6	.2	- 1.4
TRANSPORTATION EQUIPMENT	43.9	43.8	43.5	.1	.4
INSTRUMENTS & RELATED PRODUCTS	4.8	4.7	4.5	.1	.3
MISC. MANUFACTURING INDUSTRIES	3.1	3.2	3.2	- .1	- .1
NONDURABLE GOODS	226.0	227.3	224.7	- 1.3	1.3
FOOD & KINDRED PRODUCTS	41.6	41.9	39.9	- .3	1.7
MEAT PRODUCTS	15.0	14.8	13.8	.2	1.2
BEVERAGES	5.6	5.6	5.3	.0	.3
TOBACCO MANUFACTURES	13.7	13.9	14.2	- .2	- .5
TEXTILE MILL PRODUCTS	45.9	46.1	44.1	- .2	1.8
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	15.5	15.4	14.8	.1	.7
NARROW FABRIC MILLS	1.1	1.1	1.1	.0	.0
KNITTING MILLS	21.8	22.0	20.7	- .2	1.1
MISC. TEXTILE GOODS	1.2	1.2	1.1	.0	.1
APPAREL & OTHER TEXTILE PRODUCTS	29.0	29.0	29.1	.0	- .1
MENS & BOYS SUITS, COATS AND FURNISHINGS	9.3	9.4	9.6	- .1	- .3
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	15.7	15.7	15.6	.0	.1
PAPER & ALLIED PRODUCTS	15.2	15.3	15.6	- .1	- .4
PULP, PAPER & PAPERBOARD	8.0	8.0	8.0	.0	.0
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	6.9	7.0	7.2	- .1	- .3
PAPERBOARD CONTAINERS AND BOXES	4.1	4.2	4.2	- .1	- .1
PRINTING AND PUBLISHING	32.1	32.1	31.4	.0	.7
NEWSPAPER AND PERIODICALS	13.6	13.7	13.2	- .1	.4
COMMERCIAL PRINTING	12.4	12.3	12.1	.1	.3
CHEMICALS & ALLIED PRODUCTS	33.2	33.5	32.6	- .3	.6
PLASTICS MATERIALS AND SYNTHETICS	16.8	16.9	17.4	- .1	- .6
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	15.0	15.1	15.6	- .1	- .6
MISC. PLASTICS PRODUCTS	8.9	8.9	9.4	.0	- .5
LEATHER & LEATHER PRODUCTS	0.4	0.4	2.2	.0	- 1.8

(Continued on page 3)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 2)

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS DEC. 1987	NOV. 1987	DEC. 1986	NET CHANGE FROM NOV. 1987	DEC. 1986
NONMANUFACTURING	**2,266.9**	**2,254.8**	**2,201.2**	**12.1**	**65.7**
MINING	15.7	15.7	16.0	.0	-.3
BITUMINOUS COAL AND LIGNITE MINING	12.4	12.4	13.1	.0	-.7
CONSTRUCTION	174.4	174.8	171.0	-.4	3.4
TRANSPORTATION & PUBLIC UTILITIES	143.8	142.9	141.6	.9	2.2
RAILROAD TRANSPORTATION	10.4	10.4	11.3	.0	-.9
TRUCKING & WAREHOUSING	35.3	34.4	33.8	.9	1.5
TRANSPORTATION BY AIR	19.6	19.6	19.8	.0	-.2
COMMUNICATION	41.7	41.7	40.7	.0	1.0
ELECTRIC, GAS & SANITARY SERVICES	21.2	21.1	20.5	.1	.7
WHOLESALE & RETAIL TRADE	634.8	624.4	616.1	10.4	18.7
WHOLESALE TRADE	126.7	126.3	125.0	.4	1.7
WHOLESALE TRADE - DURABLE GOODS	80.0	79.8	78.4	.2	1.6
WHOLESALE TRADE - NONDURABLE GOODS	46.8	46.5	46.6	.3	.2
RETAIL TRADE	508.1	498.2	491.1	9.9	17.0
GENERAL MERCHANDISE STORES	73.0	69.5	71.3	3.5	1.7
DEPARTMENT STORES	55.9	53.4	55.7	2.5	.2
VARIETY STORES	15.2	14.3	13.8	.9	1.4
FOOD STORES	80.6	79.6	78.6	1.0	2.0
AUTOMOTIVE DEALERS AND SERVICE STATIONS	56.7	56.6	55.6	.1	1.1
APPAREL & ACCESSORY STORES	27.7	26.0	28.4	1.7	-.7
FURNITURE AND HOME FURNISHING STORES	30.5	29.6	28.0	.9	2.5
EATING & DRINKING PLACES	152.8	152.7	145.4	.1	7.4
MISCELLANEOUS RETAIL	67.3	64.5	64.8	2.8	2.5
FINANCE, INSURANCE AND REAL ESTATE	138.7	139.0	133.6	-.3	5.1
BANKING	36.4	36.2	35.8	.2	.6
CREDIT AGENCIES OTHER THAN BANKS	22.3	22.4	22.1	-.1	.2
SECURITY, COMMODITY BROKERS & SERVICES	4.5	4.5	4.0	.0	.5
INSURANCE CARRIERS	23.8	24.1	23.4	-.3	.4
REAL ESTATE	34.2	34.3	32.2	-.1	2.0
SERVICES	608.6	608.2	590.7	.4	17.9
HOTELS AND OTHER LODGING PLACES	40.0	40.9	39.2	-.9	.8
PERSONAL SERVICES	34.2	33.9	32.6	.3	1.6
BUSINESS SERVICES	164.6	163.7	156.9	.9	7.7
AUTO REPAIR SERVICES & GARAGES	17.0	17.0	16.3	.0	.7
MISC. REPAIR SERVICES	7.2	7.3	7.2	-.1	.0
MOTION PICTURES	3.3	3.2	3.2	.1	.1
AMUSEMENT AND RECREATION SERVICES	13.0	13.2	13.2	-.2	-.2
HEALTH SERVICES	139.6	139.4	134.5	.2	5.1
HOSPITALS	71.4	71.4	68.5	.0	2.9
EDUCATIONAL SERVICES	31.8	31.9	31.2	-.1	.6
GOVERNMENT	550.8	549.7	532.2	1.1	18.6
FEDERAL GOVERNMENT	171.4	171.1	167.3	.3	4.1
STATE & LOCAL GOVERNMENT	379.4	378.6	364.9	.8	14.5
STATE GOVERNMENT	130.7	130.5	126.3	.2	4.4
LOCAL GOVERNMENT	248.6	248.2	238.6	.4	10.0

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to first quarter 1986 benchmark levels.

NOTE: Detail may not add to totals because of rounding.

YEAR ENDS ON HIGH NOTE
(Continued from page 1)

TRANSPORTATION AND PUBLIC UTILITIES ALSO REPORTED A RECORD-BREAKING MONTH IN DECEMBER. A pickup of 900 raised wage earners in this division to 143,800. Most of the monthly expansion occurred in trucking and warehousing. Government employment sustained its forward thrust with 1,100 new hires--550,800 on payrolls statewide. Growth was scattered throughout the various segments. Services employment added another 400 people. The 608,600 total in this area represents a yearly gain of 17,900. Business and health services had the largest yearly increment.

CONSTRUCTION AND FINANCE, INSURANCE AND REAL ESTATE WERE IN THE NEGATIVE COLUMN DURING DECEMBER. Seasonal factors caused construction to drop 400 to reach a level of 174,400. Finance, insurance and real estate had a loss of 300 for the period. A gain in banking was offset by minor dips in other sectors. Mining employment held steady for the cycle.

MANUFACTURING EMPLOYMENT DIMINISHED SLIGHTLY OVER THE MONTH. A reduction of 1,200 people lowered employment in this division to 426,100. Most of the loss was in nondurable goods--and dispersed throughout. A slight uptrend was evident in manufacturing over the year. There were 800 more employees in this category since December 1986.

THE 323,900 PRODUCTION WORKERS ON FACTORY PAYROLLS RECEIVED AN AVERAGE WEEKLY EARNING OF $388.64 IN DECEMBER 1987. This was an increase of $7.13 over the month and a gain of $16.11 over the year. Average weekly hours increased to 41.7 during the period. The over-the-month increase was five-tenths of an hour. Average weekly hours were four-tenths of an hour longer than December 1986. An increase of $.06 put average hourly earnings at $9.32. This was $.30 more than the $9.02 earned in December 1986.

* * * * * * * *

THE U. S. DEPARTMENT OF LABOR'S BUREAU OF LABOR STATISTICS ALL URBAN CONSUMER PRICE INDEX (CPI-U) WAS VIRTUALLY UNCHANGED FOR THE MONTH OF DECEMBER AT A LEVEL OF 345.7 (1967=100). For the 12-month period ending in December, the CPI-U increased 4.4 percent. The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) declined 0.1 percent in December. The December 1987 CPI-W level of 340.2 (1967=100) was 4.5 percent higher than the December 1986 index. The CPI for January 1987 will be released February 26, 1988, and may be obtained by calling (804) 786-4490.

Table A-2.

VIRGINIA
EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1977-1986
JANUARY 1984 TO DATE
(IN THOUSANDS)

Year and Month	Total	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance, and Real Estate	Services	Government
Annual Average									
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,115.0	413.8	23.3	138.4	114.2	443.9	104.4	383.5	493.5
1980	2,157.2	413.8	22.7	128.3	115.8	451.2	105.9	408.3	511.2
1981	2,160.8	414.0	21.7	116.3	117.6	460.4	106.1	418.3	506.6
1982	2,146.4	397.2	22.1	103.8	119.0	462.4	106.9	434.8	500.1
1983	2,206.9	403.6	17.4	113.9	120.4	480.2	110.1	460.4	500.9
1984	2,333.3	421.3	18.3	132.8	127.2	516.5	117.1	495.1	505.0
1985	2,454.7	423.4	17.3	152.0	132.0	547.0	122.8	544.7	515.6
1986	2,557.1	424.2	16.4	168.1	137.3	580.2	130.8	579.0	521.0
1984:									
January	2,238.0	411.8	17.9	114.1	122.6	491.5	113.3	464.9	501.9
February	2,243.9	413.7	17.8	114.6	123.2	487.0	113.4	469.1	505.1
March	2,268.3	416.2	18.1	118.3	123.8	494.4	114.5	477.2	505.7
April	2,289.5	416.7	18.5	124.7	125.1	499.2	114.9	482.9	507.6
May	2,320.3	418.2	18.8	130.7	126.5	507.6	116.4	489.7	512.6
June	2,356.1	422.7	19.4	137.3	128.4	512.9	118.6	501.8	514.8
July	2,337.5	420.9	19.7	142.7	128.9	523.5	119.7	507.7	474.4
August	2,355.4	425.6	19.4	144.1	129.3	525.6	120.0	509.9	481.6
September	2,383.3	427.2	19.2	143.2	128.8	526.1	118.8	510.1	509.8
October	2,391.6	427.9	17.5	142.8	129.9	534.3	118.1	509.3	511.6
November	2,401.8	427.2	16.4	141.6	129.3	543.3	118.6	508.5	516.9
December	2,413.7	426.9	16.6	139.9	130.2	552.3	119.2	510.4	518.2
1985:									
January	2,362.3	422.6	17.0	132.5	129.2	522.3	118.1	506.8	514.4
February	2,361.8	422.3	17.1	130.9	128.1	517.4	118.4	511.3	516.3
March	2,392.6	422.9	17.2	139.6	128.8	525.1	119.5	520.7	518.9
April	2,424.2	421.6	17.3	147.3	129.9	528.6	120.0	538.2	521.2
May	2,458.0	421.1	17.5	153.4	131.9	540.3	121.8	547.1	524.9
June	2,488.9	422.3	17.8	158.5	133.1	546.9	124.2	558.0	528.0
July	2,446.7	417.2	17.3	160.7	133.0	549.8	125.3	555.1	488.4
August	2,465.4	425.0	17.5	162.4	133.4	553.2	125.7	560.3	487.9
September	2,494.2	427.6	17.4	159.5	133.6	556.1	124.9	560.4	514.7
October	2,510.4	426.9	17.2	160.0	133.7	565.4	124.9	561.4	521.0
November	2,519.7	426.3	17.0	159.7	134.3	574.1	125.0	557.8	525.4
December	2,532.1	425.6	16.9	159.2	134.7	585.1	125.2	559.0	526.4
1986:									
January	2,469.9	421.2	16.6	150.2	133.4	555.5	124.6	546.6	521.8
February	2,470.2	422.5	16.6	148.8	132.9	556.8	125.0	549.1	524.6
March	2,494.0	422.3	16.7	155.2	133.6	557.5	126.1	557.8	524.7
April	2,528.4	422.8	16.6	164.6	135.0	565.3	128.0	572.3	523.8
May	2,559.3	422.3	16.7	169.3	137.1	575.7	130.1	580.7	527.3
June	2,585.0	423.3	16.8	174.4	134.1	583.2	132.9	590.8	529.4
July	2,565.5	422.2	16.7	178.2	139.8	585.9	134.4	591.7	496.7
August	2,568.5	425.3	16.5	179.3	140.0	586.7	135.4	592.0	493.4
September	2,590.0	427.3	16.3	176.6	139.5	586.1	133.3	593.7	517.3
October	2,607.5	427.8	16.0	175.3	139.9	594.6	133.0	592.3	528.7
November	2,620.2	428.1	15.9	173.9	140.3	605.4	133.8	590.7	532.1
December	2,626.5	425.3	16.0	171.0	141.6	616.1	133.6	590.7	532.2
1987:									
January	2,573.6	423.2	15.9	164.1	139.9	585.8	133.4	584.1	526.9
February	2,568.0	422.7	15.5	161.4	139.8	580.4	133.6	585.7	528.8
March	2,591.3	422.6	15.5	165.7	140.1	586.1	134.5	593.7	533.0
April	2,615.0	422.2	15.5	171.1	141.1	595.0	135.5	600.4	534.3
May	2,631.4	422.0	15.6	173.7	141.1	601.7	137.5	605.0	534.8
June	2,656.6	425.3	15.6	178.2	142.0	609.0	139.3	613.6	533.5
July	2,638.8	424.7	15.6	183.2	142.5	610.7	140.8	611.3	509.5
August	2,634.0	426.1	15.6	182.8	142.7	611.3	140.6	611.1	503.8
September	2,652.8	427.3	15.5	177.5	142.4	608.6	139.0	612.2	530.3
October	2,666.9	427.0	15.7	176.5	142.1	613.6	138.5	609.5	543.9
November	2,682.1	427.3	15.7	174.8	142.9	624.4	139.0	608.2	549.7
December	2,693.0	426.1	15.7	174.4	143.8	634.8	138.7	608.6	550.8

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

Table A-3.

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS DEC. 1987	NOV. 1987	DEC. 1986	NET CHANGE FROM NOV. 1987	DEC. 1986
TOTAL NONAGRICULTURAL	1,229.5	1,222.7	1,191.2	6.8	38.3
MANUFACTURING	148.3	148.9	148.8	- .6	- .5
DURABLE GOODS	51.0	50.9	51.0	.1	.0
LUMBER AND WOOD PRODUCTS	4.5	4.5	4.2	.0	.3
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	2.2	2.2	2.1	.0	.1
FURNITURE AND FIXTURES	9.0	9.0	9.1	.0	- .1
HOUSEHOLD AND OFFICE FURNITURE	8.6	8.7	8.8	- .1	- .2
STONE, CLAY & GLASS PRODUCTS	2.3	2.3	2.4	.0	- .1
CONCRETE, GYPSUM AND PLASTER PRODUCTS	0.6	0.6	0.6	.0	.0
PRIMARY METAL INDUSTRIES	2.4	2.4	2.3	.0	.1
FABRICATED METAL PRODUCTS	3.6	3.6	3.6	.0	.0
FABRICATED STRUCTURAL METAL PRODUCTS	1.2	1.3	1.2	- .1	.0
MACHINERY EXCEPT ELECTRICAL	2.8	2.8	2.6	.0	.2
ELECTRIC & ELECTRONIC EQUIPMENT	16.1	16.1	16.6	.0	- .5
COMMUNICATION EQUIPMENT	6.9	6.8	7.3	.1	- .4
TRANSPORTATION EQUIPMENT	6.7	6.7	6.7	.0	.0
INSTRUMENTS & RELATED PRODUCTS	2.4	2.4	2.2	.0	.2
MISC. MANUFACTURING INDUSTRIES	1.3	1.3	1.2	.0	.1
NONDURABLE GOODS	97.3	97.9	97.8	- .6	- .5
FOOD & KINDRED PRODUCTS	14.7	15.0	14.1	- .3	.6
MEAT PRODUCTS	6.3	6.1	5.4	.2	.9
BEVERAGES	0.8	0.8	0.8	.0	.0
TOBACCO MANUFACTURES	4.1	4.2	3.9	- .1	.2
TEXTILE MILL PRODUCTS	26.4	26.5	25.9	- .1	.5
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	7.1	7.1	6.8	.0	.3
NARROW FABRIC MILLS	0.6	0.6	0.7	.0	- .1
KNITTING MILLS	15.4	15.5	15.2	- .1	.2
MISC. TEXTILE GOODS	0.4	0.4	0.4	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	25.5	25.4	26.1	.1	- .6
MENS & BOYS SUITS, COATS AND FURNISHINGS	8.4	8.4	8.9	.0	- .5
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	14.8	14.7	14.9	.1	- .1
PAPER & ALLIED PRODUCTS	2.7	2.8	2.7	- .1	.0
PULP, PAPER & PAPERBOARD	0.9	0.9	0.8	.0	.1
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	1.8	1.9	1.8	- .1	[illegible]
PAPERBOARD CONTAINERS AND BOXES	0.8	0.9	0.8	- .1	[illegible]
PRINTING AND PUBLISHING	11.5	11.4	10.9	.1	[illegible]
NEWSPAPER AND PERIODICALS	5.4	5.4	5.0	.0	[illegible]
COMMERCIAL PRINTING	3.1	3.0	3.1	.1	[illegible]
CHEMICALS & ALLIED PRODUCTS	9.2	9.3	9.0	- .1	.2
PLASTICS MATERIALS AND SYNTHETICS	4.3	4.4	4.7	- .1	- .4
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	3.0	3.0	3.5	.0	- .5
MISC. PLASTICS PRODUCTS	2.2	2.2	2.7	.0	- .5
LEATHER & LEATHER PRODUCTS	0.2	0.2	1.6	.0	- 1.4

(Continued on page 7)

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 6)

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS DEC. 1987	NOV. 1987	DEC. 1986	NET CHANGE FROM NOV. 1987	DEC. 1986
NONMANUFACTURING	1,081.3	1,073.9	1,042.4	7.4	38.9
MINING	0.7	0.7	0.7	.0	.0
BITUMINOUS COAL AND LIGNITE MINING	0.5	0.5	0.4	.0	.1
CONSTRUCTION	15.2	15.2	14.8	.0	.4
TRANSPORTATION & PUBLIC UTILITIES	46.3	46.2	44.5	.1	1.8
RAILROAD TRANSPORTATION	1.4	1.4	1.5	.0	- .1
TRUCKING & WAREHOUSING	4.3	4.2	4.0	.1	.3
TRANSPORTATION BY AIR	9.1	9.1	8.8	.0	.3
COMMUNICATION	21.0	21.0	20.7	.0	.3
ELECTRIC, GAS & SANITARY SERVICES	4.9	4.9	4.2	.0	.7
WHOLESALE & RETAIL TRADE	294.8	288.5	285.1	6.3	9.7
WHOLESALE TRADE	34.5	34.4	33.7	.1	.8
WHOLESALE TRADE - DURABLE GOODS	20.8	20.8	20.2	.0	.6
WHOLESALE TRADE - NONDURABLE GOODS	13.7	13.6	13.5	.1	.2
RETAIL TRADE	260.3	254.1	251.4	6.2	8.9
GENERAL MERCHANDISE STORES	49.8	47.4	48.6	2.4	1.2
DEPARTMENT STORES	38.5	36.8	38.3	1.7	.2
VARIETY STORES	10.2	9.6	9.1	.6	1.1
FOOD STORES	35.4	34.9	34.7	.5	.7
AUTOMOTIVE DEALERS AND SERVICE STATIONS	13.2	13.2	13.0	.0	.2
APPAREL & ACCESSORY STORES	20.4	19.2	20.7	1.2	- .3
FURNITURE AND HOME FURNISHING STORES	11.5	11.2	10.5	.3	1.0
EATING & DRINKING PLACES	86.7	86.6	82.4	.1	4.3
MISCELLANEOUS RETAIL	38.9	37.2	37.6	1.7	1.3
FINANCE, INSURANCE AND REAL ESTATE	85.9	86.1	82.5	- .2	3.4
BANKING	27.2	26.9	26.5	.3	.7
CREDIT AGENCIES OTHER THAN BANKS	16.7	16.8	16.8	- .1	- .1
SECURITY, COMMODITY BROKERS & SERVICES	2.2	2.2	1.7	.0	.5
INSURANCE CARRIERS	15.1	15.3	14.9	- .2	.2
REAL ESTATE	14.7	14.8	13.8	- .1	.9
SERVICES	345.6	345.1	333.8	.5	11.8
HOTELS AND OTHER LODGING PLACES	22.7	23.2	22.1	- .5	.6
PERSONAL SERVICES	23.5	23.3	22.3	.2	1.2
BUSINESS SERVICES	68.8	68.5	65.7	.3	3.1
AUTO REPAIR SERVICES & GARAGES	3.2	3.2	3.0	.0	.2
MISC. REPAIR SERVICES	1.9	1.9	1.9	.0	.0
MOTION PICTURES	1.5	1.4	1.5	.1	.0
AMUSEMENT AND RECREATION SERVICES	5.9	6.0	5.7	- .1	.2
HEALTH SERVICES	116.7	116.3	112.1	.4	4.6
HOSPITALS	60.0	59.9	57.4	.1	2.6
EDUCATIONAL SERVICES	19.0	19.0	18.7	.0	.3
GOVERNMENT	292.6	292.1	281.0	.5	11.6
FEDERAL GOVERNMENT	71.5	71.3	69.0	.2	2.5
STATE & LOCAL GOVERNMENT	221.1	220.8	211.9	.3	9.2
STATE GOVERNMENT	65.7	65.7	64.0	.0	1.7
LOCAL GOVERNMENT	155.4	155.1	147.9	.3	7.5

See footnote Table A-1.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table A-4.

	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
INDUSTRY GROUP	DEC. 1987	NOV. 1987	DEC. 1986	NOV. 1987	DEC. 1986
MANUFACTURING	323.9	324.9	321.6	- 1.0	2.3
DURABLE GOODS	149.6	149.7	149.6	- .1	.0
LUMBER AND WOOD PRODUCTS	20.0	20.1	20.5	- .1	- .5
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	6.5	6.5	6.6	.0	- .1
FURNITURE AND FIXTURES	21.3	21.3	21.4	.0	- .1
HOUSEHOLD AND OFFICE FURNITURE	20.1	20.2	20.3	- .1	- .2
STONE, CLAY & GLASS PRODUCTS	13.5	13.5	13.0	.0	.5
CONCRETE, GYPSUM AND PLASTER PRODUCTS	6.1	6.0	6.1	.1	.0
PRIMARY METAL INDUSTRIES	7.0	7.1	6.4	- .1	.6
FABRICATED METAL PRODUCTS	12.8	12.9	13.7	- .1	- .9
FABRICATED STRUCTURAL METAL PRODUCTS	6.8	6.9	7.6	- .1	- .8
MACHINERY EXCEPT ELECTRICAL	12.1	11.9	10.7	.2	1.4
ELECTRIC & ELECTRONIC EQUIPMENT	19.6	19.7	21.2	- .1	- 1.6
COMMUNICATION EQUIPMENT	8.7	8.6	9.4	.1	- .7
TRANSPORTATION EQUIPMENT	37.5	37.4	37.3	.1	.2
INSTRUMENTS & RELATED PRODUCTS	3.3	3.2	2.8	.1	.5
MISC. MANUFACTURING INDUSTRIES	2.6	2.6	2.7	.0	- .1
NONDURABLE GOODS	174.2	175.2	172.0	- 1.0	2.2
FOOD & KINDRED PRODUCTS	31.0	31.4	28.0	- .4	3.0
MEAT PRODUCTS	12.3	12.2	11.3	.1	1.0
BEVERAGES	2.9	2.7	2.0	.2	.9
TOBACCO MANUFACTURES	8.4	8.6	8.8	- .2	- .4
TEXTILE MILL PRODUCTS	41.9	42.1	40.2	- .2	1.7
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	13.7	13.6	13.3	.1	.4
NARROW FABRIC MILLS	1.0	1.0	1.1	.0	- .1
KNITTING MILLS	20.5	20.7	19.1	- .2	1.4
MISC. TEXTILE GOODS	1.0	1.0	0.9	.0	.1
APPAREL & OTHER TEXTILE PRODUCTS	26.6	26.6	27.0	.0	- .4
MENS & BOYS SUITS, COATS AND FURNISHINGS	8.6	8.6	8.7	.0	- .1
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	14.6	14.5	14.8	.1	- .2
PAPER & ALLIED PRODUCTS	11.7	11.8	12.1	- .1	- .4
PULP, PAPER & PAPERBOARD	5.6	5.7	5.7	- .1	- .1
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	5.8	5.9	6.2	- .1	- .4
PAPERBOARD CONTAINERS AND BOXES	3.3	3.4	3.6	- .1	- .3
PRINTING AND PUBLISHING	19.1	19.0	18.6	.1	.5
NEWSPAPER AND PERIODICALS	4.6	4.6	4.5	.0	.1
COMMERCIAL PRINTING	10.1	10.1	10.0	.0	.1
CHEMICALS & ALLIED PRODUCTS	23.6	23.7	23.0	- .1	.6
PLASTICS MATERIALS AND SYNTHETICS	12.8	12.8	13.2	.0	- .4
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	11.7	11.8	12.2	- .1	- .5
MISC. PLASTICS PRODUCTS	6.8	6.8	7.2	.0	- .4
LEATHER & LEATHER PRODUCTS	0.3	0.3	2.0	.0	- 1.7

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.
BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	DEC. 1987	NOV. 1987	DEC. 1986	NOV. 1987	DEC. 1986
TOTAL NONAGRICULTURAL	32.2	31.9	30.6	.3	1.6
MANUFACTURING	10.0	10.0	9.4	.0	.6
DURABLE GOODS	5.5	5.4	4.8	.1	.7
FABRICATED METAL PRODUCTS	1.2	1.2	1.4	.0	-.2
MACHINERY & TRANSPORTATION EQUIPMENT	3.1	3.0	2.4	.1	.7
NONDURABLE GOODS	4.5	4.6	4.5	-.1	.0
FOOD & KINDRED PRODUCTS	1.6	1.6	1.5	.0	.1
APPAREL & OTHER TEXTILE PRODUCTS	1.7	1.7	1.9	.0	-.2
PAPER & ALLIED PRODS. & PRINTING & PUBLISHING	0.5	0.5	0.5	.0	.0
NONMANUFACTURING	22.2	21.9	21.2	.3	1.0
MINING	0.1	0.1	0.1	.0	.0
CONSTRUCTION	0.8	0.8	0.9	.0	-.1
TRANSPORTATION & PUBLIC UTILITIES	1.2	1.2	1.2	.0	.0
WHOLESALE & RETAIL TRADE	9.0	8.9	8.4	.1	.6
WHOLESALE TRADE	1.9	1.9	1.7	.0	.2
RETAIL TRADE	7.1	7.0	6.7	.1	.4
FINANCE, INSURANCE AND REAL ESTATE	0.9	0.9	0.9	.0	.0
SERVICES	4.8	4.7	4.5	.1	.3
GOVERNMENT	5.3	5.3	5.3	.0	.0
FEDERAL GOVERNMENT	0.4	0.4	0.4	.0	.0
STATE & LOCAL GOVERNMENT	4.9	4.9	4.9	.0	.0

The Bristol, Virginia Area covers the city of Bristol and the counties of Scott and Washington.

Table A-6.
CHARLOTTESVILLE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	DEC. 1987	NOV. 1987	DEC. 1986	NOV. 1987	DEC. 1986
TOTAL NONAGRICULTURAL	65.9	65.6	63.7	.3	2.2
MANUFACTURING	8.8	8.8	8.7	.0	.1
DURABLE GOODS	5.6	5.6	5.7	.0	-.1
FURNITURE AND FIXTURES	0.3	0.2	0.3	.1	.0
ELECTRIC & ELECTRONIC EQUIPMENT	4.0	4.0	4.1	.0	-.1
NONDURABLE GOODS	3.2	3.2	3.0	.0	.2
TEXTILE MILL PRODUCTS	0.7	0.7	0.7	.0	.0
PRINTING AND PUBLISHING	0.9	0.9	0.8	.0	.1
NONMANUFACTURING	57.1	56.8	55.0	.3	2.1
MINING	0.1	0.1	0.1	.0	.0
CONSTRUCTION	3.6	3.6	3.5	.0	.1
TRANSPORTATION & PUBLIC UTILITIES	2.4	2.4	2.1	.0	.3
WHOLESALE & RETAIL TRADE	12.6	12.6	12.2	.0	.4
WHOLESALE TRADE	1.7	1.7	1.8	.0	-.1
RETAIL TRADE	10.9	10.8	10.4	.1	.5
FINANCE, INSURANCE AND REAL ESTATE	3.2	3.2	3.1	.0	.1
SERVICES	11.2	11.3	10.9	-.1	.3
GOVERNMENT	24.0	23.8	23.0	.2	1.0
FEDERAL GOVERNMENT	1.3	1.3	1.3	.0	.0
STATE & LOCAL GOVERNMENT	22.7	22.5	21.7	.2	1.0

The Charlottesville Metropolitan Statistical Area covers the city of Charlottesville and the counties of Albemarle, Fluvanna, and Greene.

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.
DANVILLE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	DEC. 1987	NOV. 1987	DEC. 1986	NOV. 1987	DEC 1986
TOTAL NONAGRICULTURAL	39.7	40.0	39.6	-.3	.1
MANUFACTURING	16.7	17.0	16.7	-.3	.0
DURABLE GOODS	3.1	3.1	3.2	.0	-.1
LUMBER AND WOOD PRODUCTS	0.7	0.7	0.8	.0	-.1
MACHINERY EXCEPT ELECTRICAL	0.2	0.2	0.2	.0	.0
FABRICATED METAL PRODUCTS	0.5	0.5	0.4	.0	.1
OTHER DURABLE GOODS	1.7	1.8	1.8	-.1	-.1
NONDURABLE GOODS	13.6	13.9	13.4	-.3	.2
TOBACCO MANUFACTURES	1.0	1.3	1.0	-.3	.0
TEXTILE MILL PRODUCTS & APPAREL & OTHER TEXTILE PRODUCTS & LEATHER & LEATHER PRODUCTS	9.6	9.6	9.4	.0	.2
APPAREL & OTHER TEXTILE PRODUCTS	0.9	0.9	1.0	.0	-.1
NONMANUFACTURING	23.0	23.0	22.9	.0	.1
MINING	0.1	0.1	0.1	.0	.0
CONSTRUCTION	1.3	1.3	1.3	.0	.0
TRANSPORTATION & PUBLIC UTILITIES	1.0	1.0	1.0	.0	.0
WHOLESALE & RETAIL TRADE	8.5	8.5	8.4	.0	.1
WHOLESALE TRADE	1.2	1.3	1.3	-.1	-.1
RETAIL TRADE	7.3	7.2	7.1	.1	.2
FINANCE, INSURANCE AND REAL ESTATE	1.1	1.1	1.2	.0	-.1
SERVICES	5.6	5.6	5.7	.0	-.1
GOVERNMENT	5.5	5.4	5.3	.1	.2
FEDERAL GOVERNMENT	0.3	0.3	0.3	.0	.0
STATE & LOCAL GOVERNMENT	5.2	5.1	5.0	.1	.2

The Danville Metropolitan Statistical Area covers the city of Danville and the county of Pittsylvania.

NOTE: The category "Other Durable Goods" includes the furniture and fixtures; stone, clay, and glass products; primary metal; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.

Table A-8.
LYNCHBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	DEC. 1987	NOV. 1987	DEC. 1986	NOV. 1987	DEC. 1986
TOTAL NONAGRICULTURAL	72.2	72.0	72.1	.2	.1
MANUFACTURING	23.5	23.8	24.3	-.3	-.8
DURABLE GOODS	15.5	15.5	15.7	.0	-.2
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	3.1	3.1	3.1	.0	.0
OTHER DURABLE GOODS	12.4	12.4	12.6	.0	-.2
NONDURABLE GOODS	8.1	8.4	8.6	-.3	-.5
FOOD & KINDRED PRODUCTS	1.4	1.4	1.4	.0	.0
TEXTILE MILL PRODUCTS	1.7	1.7	1.6	.0	.1
PAPER & ALLIED PRODUCTS	1.1	1.1	1.1	.0	.0
NONMANUFACTURING	48.6	48.1	47.8	.5	.8
MINING	0.1	0.1	0.1	.0	.0
CONSTRUCTION	3.4	3.4	3.2	.0	.2
TRANSPORTATION & PUBLIC UTILITIES	2.9	2.9	2.9	.0	.0
WHOLESALE & RETAIL TRADE	13.8	13.6	13.8	.2	.0
WHOLESALE TRADE	2.5	2.4	2.5	.1	.0
RETAIL TRADE	11.2	11.2	11.4	.0	-.2
FINANCE, INSURANCE AND REAL ESTATE	3.4	3.4	3.3	.0	.1
SERVICES	15.0	14.9	14.4	.1	.6
GOVERNMENT	10.1	9.9	10.0	.2	.1
FEDERAL GOVERNMENT	0.5	0.5	0.5	.0	.0
STATE & LOCAL GOVERNMENT	9.6	9.3	9.5	.3	.1

The Lynchburg Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst and Campbell.

NOTE: The category "Other Durable Goods" includes the stone, clay, and glass products; primary metal; fabricated metal products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.
NORFOLK-VIRGINIA BEACH-NEWPORT NEWS METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS DEC. 1987	NOV. 1987	DEC. 1986	NET CHANGE FROM NOV. 1987	DEC. 1986
TOTAL NONAGRICULTURAL	549.9	549.7	539.0	.2	10.9
MANUFACTURING	66.9	66.8	67.6	.1	- .7
DURABLE GOODS	48.8	48.6	49.1	.2	- .3
LUMBER AND WOOD PRODUCTS	2.1	2.1	2.0	.0	.1
FABRICATED METAL PRODUCTS	1.3	1.3	1.6	.0	- .3
MACHINERY EXCEPT ELECTRICAL	2.0	2.0	2.0	.0	.0
ELECTRIC & ELECTRONIC EQUIPMENT	1.3	1.3	1.6	.0	- .3
TRANSPORTATION EQUIPMENT	36.1	36.0	35.9	.1	.2
NONDURABLE GOODS	18.1	18.2	18.5	- .1	- .4
FOOD & KINDRED PRODUCTS	7.6	7.6	7.7	.0	- .1
PRINTING AND PUBLISHING	4.1	4.1	4.3	.0	- .2
CHEMICALS & ALLIED PRODUCTS	2.0	2.0	2.0	.0	.0
NONMANUFACTURING	483.0	483.0	471.4	.0	11.6
MINING	0.1	0.1	0.1	.0	.0
CONSTRUCTION	35.3	36.1	36.9	- .8	- 1.6
TRANSPORTATION & PUBLIC UTILITIES	25.7	25.8	25.8	- .1	- .1
RAILROAD TRANSPORTATION	1.7	1.7	1.9	.0	- .2
WHOLESALE & RETAIL TRADE	140.6	139.7	136.7	.9	3.9
WHOLESALE TRADE	22.9	22.6	22.1	.3	.8
RETAIL TRADE	117.4	117.0	114.6	.4	2.8
FINANCE, INSURANCE AND REAL ESTATE	25.4	25.4	24.4	.0	1.0
BANKING	6.4	6.3	6.6	.1	- .2
INS CARRIERS, AGENTS, BROKERS, & SERVICES	4.2	4.2	4.2	.0	.0
SERVICES	128.4	128.4	121.3	.0	7.1
PERSONAL SERVICES	8.0	8.2	8.1	- .2	- .1
GOVERNMENT	127.4	127.5	126.2	- .1	1.2
FEDERAL GOVERNMENT	56.6	56.7	55.2	- .1	1.4
STATE & LOCAL GOVERNMENT	70.8	70.8	71.0	.0	- .2

The Norfolk-Virginia Beach-Newport News Metropolitan Statistical Area covers the cities of Chesapeake, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Suffolk, Virginia Beach, and Williamsburg and the counties of Gloucester, James City, and York.

Table A-10.
NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS DEC. 1987	NOV. 1987	DEC. 1986	NET CHANGE FROM NOV. 1987	DEC. 1986
TOTAL NONAGRICULTURAL	706.1	700.9	676.4	5.2	29.7
MANUFACTURING	34.5	34.6	35.1	- .1	- .6
DURABLE GOODS	19.3	19.4	21.0	- .1	- 1.7
FABRICATED METAL PRODUCTS	1.0	1.0	1.0	.0	.0
MACHINERY EXCEPT ELECTRICAL	2.2	2.2	2.2	.0	.0
ELECTRIC & ELECTRONIC EQUIPMENT	12.0	12.0	13.4	.0	- 1.4
NONDURABLE GOODS	15.2	15.1	14.2	.1	1.0
PRINTING AND PUBLISHING	10.3	10.3	9.5	.0	.8
NONMANUFACTURING	671.6	666.3	641.3	5.3	30.3
MINING	0.4	0.4	0.5	.0	- .1
CONSTRUCTION	48.7	48.3	47.3	.4	1.4
TRANSPORTATION & PUBLIC UTILITIES	49.8	49.7	47.5	.1	2.3
ELECTRIC, GAS & SANITARY SERVICES	4.2	4.2	4.0	.0	.2
WHOLESALE & RETAIL TRADE	167.0	163.2	162.1	3.8	4.9
WHOLESALE TRADE	31.9	31.6	30.6	.3	1.3
RETAIL TRADE	135.1	131.5	131.5	3.6	3.6
GENERAL MERCHANDISE STORES	17.9	16.5	18.1	1.4	- .2
AUTOMOTIVE DEALERS AND SERVICE STATIONS	16.0	16.2	16.2	- .2	- .2
APPAREL & ACCESSORY STORES	10.6	10.0	10.2	.6	.4
FINANCE, INSURANCE AND REAL ESTATE	44.6	44.5	41.4	.1	3.2
BANKING	7.3	7.3	6.9	.0	.4
SERVICES	209.6	209.4	202.4	.2	7.2
BUSINESS SERVICES	87.6	88.0	85.5	- .4	2.1
GOVERNMENT	151.6	150.9	140.2	.7	11.4
FEDERAL GOVERNMENT	75.8	75.4	73.3	.4	2.5
STATE & LOCAL GOVERNMENT	75.8	75.4	66.9	.4	8.9

The Northern Virginia Area covers the cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, Prince William, and Stafford.

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.
RICHMOND-PETERSBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	DEC. 1987	NOV. 1987	DEC. 1986	NOV. 1987	DEC. 1986
TOTAL NONAGRICULTURAL	438.6	435.0	425.3	3.6	13.3
MANUFACTURING	63.6	63.8	63.2	-.2	.4
DURABLE GOODS	18.8	18.8	18.6	.0	.2
LUMBER AND WOOD PRODUCTS	2.2	2.2	2.2	.0	.0
FURNITURE AND FIXTURES	1.2	1.2	1.1	.0	.1
STONE, CLAY & GLASS PRODUCTS	1.6	1.6	1.7	.0	-.1
FABRICATED METAL PRODUCTS	1.7	1.8	2.0	-.1	-.3
MACHINERY EXCEPT ELECTRICAL	2.7	2.7	2.5	.0	.2
OTHER DURABLE GOODS	9.4	9.3	9.3	.1	.1
NONDURABLE GOODS	44.8	45.0	44.6	-.2	.2
FOOD & KINDRED PRODUCTS	4.8	4.9	4.4	-.1	.4
TOBACCO MANUFACTURES	12.4	12.4	13.0	.0	-.6
APPAREL & OTHER TEXTILE PRODUCTS	2.1	2.2	2.1	-.1	.0
PAPER & ALLIED PRODUCTS	4.9	4.9	5.0	.0	-.1
PRINTING AND PUBLISHING	7.3	7.2	7.1	.1	.2
CHEMICALS & ALLIED PRODUCTS	10.9	11.0	10.6	-.1	.3
OTHER NONDURABLE GOODS	2.5	2.5	2.4	.0	.1
NONMANUFACTURING	374.9	371.2	362.0	3.7	12.9
MINING	0.4	0.4	0.3	.0	.1
CONSTRUCTION	26.9	26.9	25.3	.0	1.6
TRANSPORTATION & PUBLIC UTILITIES	23.4	23.0	22.1	.4	1.3
WHOLESALE & RETAIL TRADE	107.9	105.6	104.7	2.3	3.2
WHOLESALE TRADE	25.3	25.3	25.1	.0	.2
RETAIL TRADE	82.6	80.3	79.5	2.3	3.1
GENERAL MERCHANDISE STORES	15.9	15.0	14.7	.9	1.2
FOOD STORES	12.3	12.2	12.4	.1	-.1
AUTOMOTIVE DEALERS AND SERVICE STATIONS	8.6	8.5	8.3	.1	.3
FINANCE, INSURANCE AND REAL ESTATE	34.7	34.5	33.4	.2	1.3
INS CARRIERS, AGENTS, BROKERS, & SERVICES	12.4	12.3	12.3	.1	.1
SERVICES	89.8	89.2	85.3	.6	4.5
HEALTH SERVICES	21.0	20.9	20.1	.1	.9
GOVERNMENT	91.9	91.7	90.8	.2	1.1
FEDERAL GOVERNMENT	17.0	16.9	16.7	.1	.3
STATE & LOCAL GOVERNMENT	74.9	74.8	74.1	.1	.8

The Richmond-Petersburg Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell, Petersburg, and Richmond and the counties of Charles City, Chesterfield, Dinwiddie, Goochland, Hanover, Henrico, New Kent, Powhatan, and Prince George.

NOTE: The category "Other Durable Goods" includes the primary metal; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.

The category "Other Nondurable Goods" includes the textile mill products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.

Table A-12.
ROANOKE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	DEC. 1987	NOV. 1987	DEC. 1986	NOV. 1987	DEC. 1986
TOTAL NONAGRICULTURAL	121.8	121.9	120.1	-.1	1.7
MANUFACTURING	20.5	20.7	20.6	-.2	-.1
DURABLE GOODS	12.1	12.2	12.2	-.1	-.1
FURNITURE AND FIXTURES	1.7	1.7	1.7	.0	.0
FABRICATED METAL PRODUCTS	1.6	1.6	1.6	.0	.0
MACHINERY EXCEPT ELECTRICAL	1.6	1.6	1.6	.0	.0
NONDURABLE GOODS	8.3	8.5	8.5	-.2	-.2
TEXTILE MILL PRODUCTS	1.5	1.6	1.5	-.1	.0
PRINTING AND PUBLISHING	1.0	1.0	1.0	.0	.0
NONMANUFACTURING	101.4	101.2	99.4	.2	2.0
MINING	0.1	0.1	0.2	.0	-.1
CONSTRUCTION	7.2	7.3	6.8	-.1	.4
TRANSPORTATION & PUBLIC UTILITIES	8.7	8.7	9.0	.0	-.3
WHOLESALE & RETAIL TRADE	33.8	33.4	33.0	.4	.8
WHOLESALE TRADE	9.1	9.1	8.8	.0	.3
RETAIL TRADE	24.8	24.3	24.2	.5	.6
FINANCE, INSURANCE AND REAL ESTATE	8.6	8.5	8.1	.1	.5
SERVICES	27.1	27.2	26.9	-.1	.2
GOVERNMENT	15.9	16.0	15.5	-.1	.4
FEDERAL GOVERNMENT	3.5	3.5	3.4	.0	.1
STATE & LOCAL GOVERNMENT	12.3	12.5	12.1	-.2	.2

The Roanoke Metropolitan Statistical Area covers the cities of Roanoke and Salem and the counties of Botetourt and Roanoke.

See footnote Table A-1.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C-1.

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	DEC. 1987	NOV. 1987	DEC. 1986	DEC. 1987	NOV. 1987	DEC. 1986	DEC. 1987	NOV. 1987	DEC. 1986
MANUFACTURING	$388.64	$381.51	$372.53	41.7	41.2	41.3	$9.32	$9.26	$9.02
DURABLE GOODS	397.46	388.50	382.93	42.6	42.0	42.5	9.33	9.25	9.01
LUMBER AND WOOD PRODUCTS	285.38	276.51	262.92	41.3	39.9	39.3	6.91	6.93	6.69
FURNITURE AND FIXTURES	257.27	242.40	246.82	41.9	40.0	41.0	6.14	6.06	6.02
HOUSEHOLD AND OFFICE FURNITURE	253.08	238.40	240.76	41.9	40.0	40.6	6.04	5.96	5.93
STONE, CLAY & GLASS PRODUCTS	363.80	363.13	328.45	41.2	41.5	40.7	8.83	8.75	8.07
PRIMARY METAL INDUSTRIES	492.77	487.08	497.12	46.4	46.7	47.3	10.62	10.43	10.51
FABRICATED METAL PRODUCTS	430.14	388.23	429.03	43.1	41.7	45.4	9.98	9.31	9.45
FABRICATED STRUCTURAL METAL PRODUCTS	371.08	356.42	376.20	42.8	41.3	45.0	8.67	8.63	8.36
MACHINERY EXCEPT ELECTRICAL	412.37	397.87	404.32	43.0	43.2	43.9	9.59	9.21	9.21
ELECTRIC & ELECTRONIC EQUIPMENT	417.42	400.89	405.49	42.9	41.5	43.0	9.73	9.66	9.43
COMMUNICATION EQUIPMENT	425.57	415.00	420.11	42.9	41.5	43.4	9.92	10.00	9.68
INSTRUMENTS & RELATED PRODUCTS	1/ 326.76	344.76	286.01	1/ 42.0	44.2	43.4	1/ 7.78	7.80	6.59
MISC. MANUFACTURING INDUSTRIES	311.92	304.97	324.08	40.3	39.3	43.5	7.74	7.76	7.45
NONDURABLE GOODS	381.19	375.44	364.31	40.9	40.5	40.3	9.32	9.27	9.04
FOOD & KINDRED PRODUCTS	361.56	376.24	342.31	40.9	41.3	40.8	8.84	9.11	8.39
TEXTILE MILL PRODUCTS	272.80	277.03	292.82	40.0	40.8	40.5	6.82	6.79	7.23
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	326.99	338.80	325.87	42.8	44.0	43.8	7.64	7.70	7.44
KNITTING MILLS	227.90	234.35	267.90	37.3	38.8	36.8	6.11	6.04	7.28
MISC. TEXTILE GOODS	305.37	337.48	299.62	41.1	44.0	41.1	7.43	7.67	7.29
APPAREL & OTHER TEXTILE PRODUCTS	212.74	205.70	203.32	38.4	37.4	36.7	5.54	5.50	5.54
MENS & BOYS SUITS, COATS AND FURNISHINGS	204.51	199.18	210.14	34.9	34.4	35.2	5.86	5.79	5.97
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	210.48	202.28	190.32	40.4	38.9	37.1	5.21	5.20	5.13
PAPER & ALLIED PRODUCTS	550.81	511.58	488.16	46.6	43.8	43.2	11.82	11.68	11.30
PULP, PAPER & PAPERBOARD	679.17	617.92	596.75	48.1	44.2	43.4	14.12	13.98	13.75
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	434.57	415.07	394.94	45.6	43.6	43.4	9.53	9.52	9.10
PRINTING AND PUBLISHING	440.59	428.37	425.49	39.8	39.3	40.6	11.07	10.90	10.48
NEWSPAPER AND PERIODICALS	359.20	361.75	352.49	36.1	37.8	37.3	9.95	9.57	9.45
CHEMICALS & ALLIED PRODUCTS	498.83	492.46	481.44	41.5	40.8	40.8	12.02	12.07	11.80
PLASTICS MATERIALS AND SYNTHETICS	524.56	510.30	488.82	41.5	40.5	40.1	12.64	12.60	12.19
LEATHER & LEATHER PRODUCTS	181.90	190.00	188.70	36.6	38.0	41.2	4.97	5.00	4.58

[1] 1987 data not comparable to prior years.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	DEC. 1987	NOV. 1987	DEC. 1986	DEC. 1987	NOV. 1987	DEC. 1986	DEC. 1987	NOV. 1987	DEC. 1986
MANUFACTURING	$341.44	$334.80	$318.78	44.0	43.2	42.0	$7.76	$7.75	$7.59
DURABLE GOODS	389.13	380.09	384.83	45.3	44.3	44.8	8.59	8.58	8.59
FABRICATED METAL PRODUCTS	503.33	502.55	457.45	42.8	43.1	41.7	11.76	11.66	10.97
MACHINERY & TRANSPORTATION EQUIPMENT	363.66	349.00	362.40	47.6	45.8	48.0	7.64	7.62	7.55
NONDURABLE GOODS	280.26	277.38	246.80	42.4	41.9	39.3	6.61	6.62	6.28
FOOD & KINDRED PRODUCTS	244.48	243.12	258.48	35.9	35.7	37.9	6.81	6.81	6.82
APPAREL & OTHER TEXTILE PRODUCTS	301.53	310.86	223.83	48.4	48.8	39.2	6.23	6.37	5.71

Data for the Bristol, Virginia Area (city of Bristol and the counties of Scott and Washington) cover approximately 7,200 production workers.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
CHARLOTTESVILLE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	DEC. 1987	NOV. 1987	DEC. 1986	DEC. 1987	NOV. 1987	DEC. 1986	DEC. 1987	NOV. 1987	DEC. 1986
MANUFACTURING	$327.06	$312.25	$314.67	43.9	41.8	41.9	$7.45	$7.47	$7.51
DURABLE GOODS	318.61	309.37	326.46	42.2	40.6	41.8	7.55	7.62	7.81
ELECTRIC & ELECTRONIC EQUIPMENT	330.01	306.56	336.20	41.2	37.8	41.0	8.01	8.11	8.20
NONDURABLE GOODS	339.92	317.99	293.02	46.5	43.8	42.1	7.31	7.26	6.96
PRINTING AND PUBLISHING	338.12	345.20	281.63	40.3	40.9	37.5	8.39	8.44	7.51

Data for the Charlottesville Metropolitan Statistical Area (city of Charlottesville and the counties of Albemarle, Fluvanna, and Greene) cover approximately 6,000 production workers.

See footnote Table C-1.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
DANVILLE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	DEC. 1987	NOV. 1987	DEC. 1986	DEC. 1987	NOV. 1987	DEC. 1986	DEC. 1987	NOV. 1987	DEC. 1986
MANUFACTURING	$374.54	$357.00	$357.44	43.4	42.0	42.3	$8.63	$8.50	$8.45
DURABLE GOODS	313.53	321.11	303.03	38.9	39.4	38.9	8.06	8.15	7.79
FABRICATED METAL PRODUCTS	267.13	267.13	336.98	45.2	45.2	58.0	5.91	5.91	5.81
NONDURABLE GOODS	388.50	365.08	369.37	44.4	42.6	43.0	8.75	8.57	8.59
APPAREL & OTHER TEXTILE PRODUCTS	234.53	234.53	245.09	34.9	34.9	36.8	6.72	6.72	6.66

Data for the Danville Metropolitan Statistical Area (city of Danville and the county of Pittsylvania) cover approximately 13,900 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
LYNCHBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	DEC. 1987	NOV. 1987	DEC. 1986	DEC. 1987	NOV. 1987	DEC. 1986	DEC. 1987	NOV. 1987	DEC. 1986
MANUFACTURING	$375.20	$361.27	$364.19	42.3	41.1	42.2	$8.87	$8.79	$8.63
DURABLE GOODS	372.74	372.80	387.10	41.6	41.7	43.3	8.96	8.94	8.94
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	216.41	213.74	213.95	37.9	36.6	37.8	5.71	5.84	5.66
NONDURABLE GOODS	379.32	343.71	329.27	43.4	40.2	40.6	8.74	8.55	8.11
FOOD & KINDRED PRODUCTS	382.45	379.26	351.94	45.1	44.1	42.3	8.48	8.60	8.32
TEXTILE MILL PRODUCTS	301.78	299.12	267.16	39.5	39.1	36.9	7.64	7.65	7.24
PAPER & ALLIED PRODUCTS	607.74	458.89	470.37	55.4	45.3	45.8	10.97	10.13	10.27

Data for the Lynchburg Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst and Campbell) cover approximately 16,800 production workers.

See footnote Table C-1.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	DEC. 1987	NOV. 1987	DEC. 1986	DEC. 1987	NOV. 1987	DEC. 1986	DEC. 1987	NOV. 1987	DEC. 1986
MANUFACTURING	$409.94	$383.53	$402.55	39.8	38.2	41.5	$10.30	$10.04	$9.70
DURABLE GOODS	414.83	386.51	400.16	41.4	39.4	42.3	10.02	9.81	9.46
FABRICATED METAL PRODUCTS	410.90	349.88	408.22	43.9	37.5	43.8	9.36	9.33	9.32
ELECTRIC & ELECTRONIC EQUIPMENT	422.82	408.98	437.74	40.5	39.9	43.6	10.44	10.25	10.04
NONDURABLE GOODS	404.16	379.99	404.78	38.2	37.0	40.6	10.58	10.27	9.97

Data for the Northern Virginia Area (cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, Prince William and Stafford) cover approximately 16,200 production workers.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES RICHMOND-PETERSBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	DEC. 1987	NOV. 1987	DEC. 1986	DEC. 1987	NOV. 1987	DEC. 1986	DEC. 1987	NOV. 1987	DEC. 1986
MANUFACTURING	$503.32	$491.56	$465.15	41.7	41.1	41.2	$12.07	$11.96	$11.29
DURABLE GOODS	394.19	382.62	373.43	42.8	42.0	42.1	9.21	9.11	8.87
LUMBER AND WOOD PRODUCTS	1/ 231.55	222.88	227.79	1/ 38.4	36.9	36.1	1/ 6.03	6.04	6.31
FURNITURE AND FIXTURES	1/ 208.85	211.86	203.15	36.9	37.9	39.6	1/ 5.66	5.59	5.13
FABRICATED METAL PRODUCTS	333.06	340.23	315.99	39.0	40.6	39.4	8.54	8.38	8.02
NONDURABLE GOODS	544.75	532.85	498.98	41.3	40.8	40.8	13.19	13.06	12.23
FOOD & KINDRED PRODUCTS	336.72	379.44	375.33	36.6	38.6	41.2	9.20	9.83	9.11
APPAREL & OTHER TEXTILE PRODUCTS	232.37	227.55	217.95	38.6	39.3	39.2	6.02	5.79	5.56
PAPER & ALLIED PRODUCTS	530.82	517.09	456.41	46.4	44.5	45.1	11.44	11.62	10.12
PRINTING AND PUBLISHING	466.07	488.31	456.92	39.1	41.0	41.5	11.92	11.91	11.01
CHEMICALS & ALLIED PRODUCTS	584.45	577.73	578.04	40.7	40.8	41.2	14.36	14.16	14.03

Data for the Richmond-Petersburg Metropolitan Statistical Area (cities of Colonial Heights, Hopewell, Petersburg, and Richmond and the counties of Charles City, Chesterfield, Dinwiddie, Goochland, Hanover, Henrico, New Kent, Powhatan, and Prince George) cover approximately 42,700 production workers.

[1] 1987 data not comparable to prior years.

See footnote Table C-1.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
ROANOKE VIRGINIA AREA

	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
INDUSTRY GROUP	DEC. 1987	NOV. 1987	DEC. 1986	DEC. 1987	NOV. 1987	DEC. 1986	DEC. 1987	NOV. 1987	DEC. 1986
MANUFACTURING	$388.83	$376.37	$357.00	43.3	42.1	42.5	$8.98	$8.94	$8.40
DURABLE GOODS	424.59	399.54	382.77	44.6	43.1	43.3	9.52	9.27	8.84
FABRICATED METAL PRODUCTS	1/ 337.82	313.99	350.75	1/ 40.8	39.2	45.2	8.28	8.01	7.76
NONDURABLE GOODS	1/ 336.58	343.10	320.85	1/ 41.4	40.7	41.4	8.13	8.43	7.75
TEXTILE MILL PRODUCTS	303.05	295.40	301.09	41.4	41.2	43.7	7.32	7.17	6.89

Data for the Roanoke Metropolitan Statistical Area (cities of Roanoke and Salem and the counties of Botetourt and Roanoke) cover approximately 14,200 production workers.

[1] 1987 data not comparable to prior years.

See footnote Table C-1.

CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS
U.S. CITY AVERAGE

ALL ITEMS—(1967 = 100)

Year	Jan.	Feb.	March	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.	Ann. Avg. Change
1979	204.7	207.1	209.1	211.5	214.1	216.6	218.9	221.1	223.4	225.4	227.5	229.9	217.4	11.3%
1980	233.2	236.4	239.8	242.5	244.9	247.6	247.8	249.4	251.7	253.9	256.2	258.4	246.8	13.5
1981	260.5	263.2	265.1	266.8	269.0	271.3	274.4	276.5	279.3	279.9	280.7	281.5	272.4	10.4
1982	282.5	283.4	283.1	284.3	287.1	290.6	292.2	292.8	293.3	294.1	293.6	292.4	289.1	6.1
1983	293.1	293.2	293.4	295.5	297.1	298.1	299.3	300.3	301.8	302.6	303.1	303.5	298.4	3.2
1984	305.2	306.6	307.3	308.8	309.7	310.7	311.7	313.0	314.5	315.3	315.3	315.5	311.1	4.3
1985	316.1	317.4	318.8	320.1	321.3	322.3	322.8	323.5	324.5	325.5	326.6	327.4	322.2	3.6
1986	328.4	327.5	326.0	325.3	326.3	327.9	328.0	328.6	330.2	330.5	330.8	331.1	328.4	1.9
1987	333.1	334.4	335.9	337.7	338.7	340.1	340.8	342.7	344.4	345.3	345.8	345.7	340.4	3.7

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Employment Commission in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 7,500 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production of nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work, but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Reliability of Employment Estimates. The BLS establishment sample covers approximately 44.5 percent of the total employment for the state. Since small sampling and response errors cumulate over several months, there was a 0.1 percent adjustment in benchmark levels for the first quarter 1986 benchmark.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a federal-state cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

This publication is prepared on a monthly schedule by the Economic Information Services Division of the Virginia Employment Commission for use by private and public sector activities. Comments and suggestions regarding content are welcomed and may be addressed to:

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